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RUSSELL-HECKLE SEED CO.

1933 Catalog

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R. H. Co.'s. BLOODY BUTCHER CORN

JUN 26 1933

Department of Agriculture



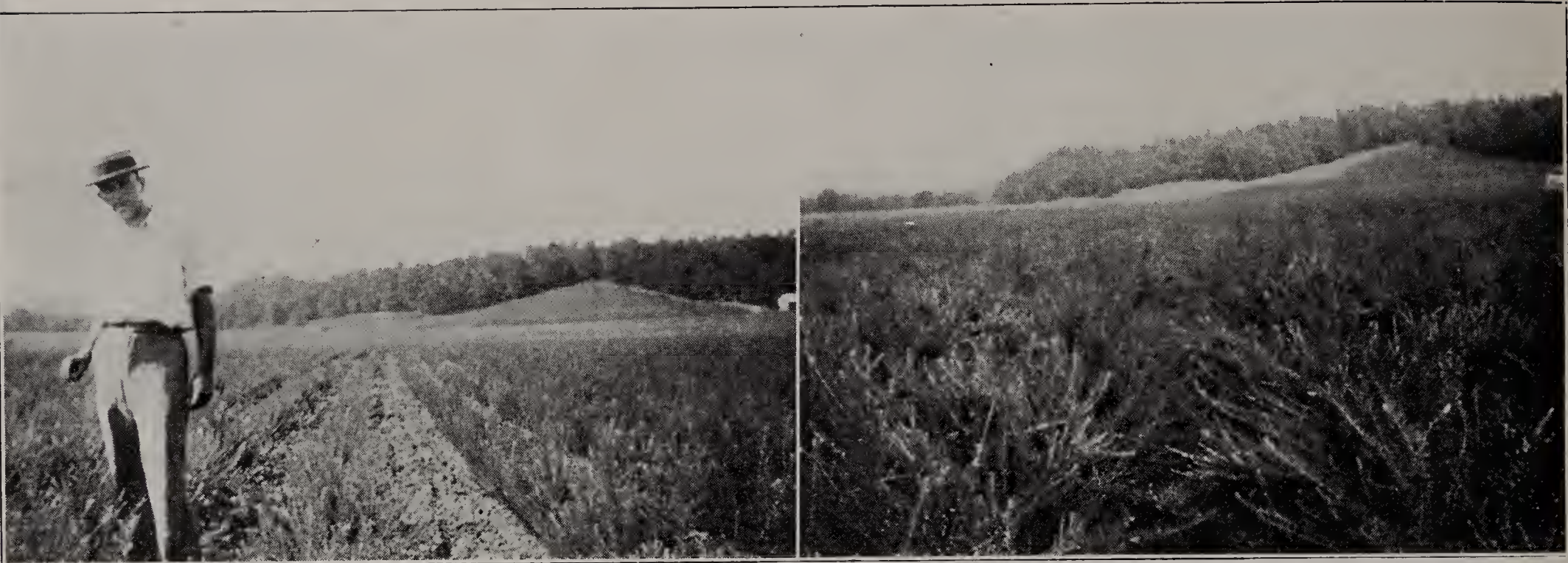
HAY CROPS PAY DIVIDENDS

TOP NOTCH SEEDS

RUSSELL-HECKLE SEED COMPANY MEMPHIS, TENN.

LESPEDeza SERICEA

The New Perennial Lespedeza



Same field of Lespedeza Sericea at two stages of growth

This is the crop which was given such a send-off last spring in the COUNTRY GENTLEMAN by Sidney J. Cates, describing it: "A Wonder Plant for Poor Land — The Dream of a Sure-Fire Acid-Soil Legume Has Come." Experience of those who bought and planted seed in 1932 more than bears out all the claims made for its money-making qualities.

Lespedeza Sericea, of Asiatic origin, was introduced by U. S. Department of Agriculture in 1924. The Department sent small quantities to State Experiment Stations in Tennessee and other stations in 1927. From this start a few planters obtained seed and last year 1932 the seed were sold commercially in a small way; starting at \$5.00 lb. and advancing to \$30.00 per pound and \$5.00 per OUNCE, with not enough to supply the demand.

Here's the reason — 2 to 3 pounds of scarified seed will plant an acre in 3 foot rows. With a normal season and proper cultivation a yield of 200 to 400 pounds of seed per acre the first year is an average yield, with double that possible. Get your pencil and figure what a chance for profit this year! The second year yield is about 1,000 pounds. Why plant cotton?

It is not a seed crop alone, but makes two to three cuttings of hay per acre the second year and thereafter — the older it is the thicker it gets, and the finer the grade of hay. At West Tennessee Station



SERICEA PLANT
Note the Wonderful Root Development

in 1931, 2.48 tons of hay was obtained per acre in June and 540 pounds of unhulled seed harvested in late October. No other lespedeza will do this.

Sericea grows on about any soil that grows any crop at all,—sour land, white buckshot, sandy soil, poor hill land. It will build up poor land as nothing else will, for it is a nitrogen gatherer and has an enormous root system. The roots live all winter, even thru zero weather, and start the new crop from the crown in the spring like alfalfa. From six to thirty or more stems will rise from one crown the second year, this may increase to 100 stems later on. Plant is extremely leafy, leaves holding on to bottom of stems. All animals seem to relish them.

For seed, cut plants when bulk of seed have turned brown. At present price of seed, cut plants by hand, tie into small bundles and shock in field. Leave until cured then use regular threshing machine.

We repeat, use only seed that have been hulled, scarified and cleaned on most modern scarifier—the only way to get results.

Soil Preparation and Seeding

Be sure to use only SCARIFIED seed, for tests show unhulled and unscarified seed grow only 4 per cent in two weeks. Sow 2 to 3 pounds Scarified seed per acre, after danger of frost is past in 2½ to 3 feet rows, on a firm seed bed, covering very lightly, not over ¼ inch. Start cultivation soon as seed are up — you must keep early weed growth down.

For Price of New Crop
Recleaned, Scarified Sericea Seed
Strains 12087 and 0430
See Green Ink List in this Catalogue

SEND ALL ORDERS TO

RUSSELL-HECKLE SEED CO.

26 S. Front St.

Wholesale Warehouse, Linden Station

Memphis, Tenn.



Sterling Quality

RUSSELL-HECKLE'S

Baby Chicks



Our Sterling grade baby chicks are hatched from properly mated, pedigreed pure bred flocks, chicks that will live and grow if properly handled. Sterling chicks are No. 1 grade from pedigreed flocks, not hatched from promiscuous eggs. Try Sterling chicks and see the difference. All Sterling chicks are shipped from our hatchery, not from Memphis. Shipped regularly every Monday, so get your order in the week before and chicks will reach you when you want them.

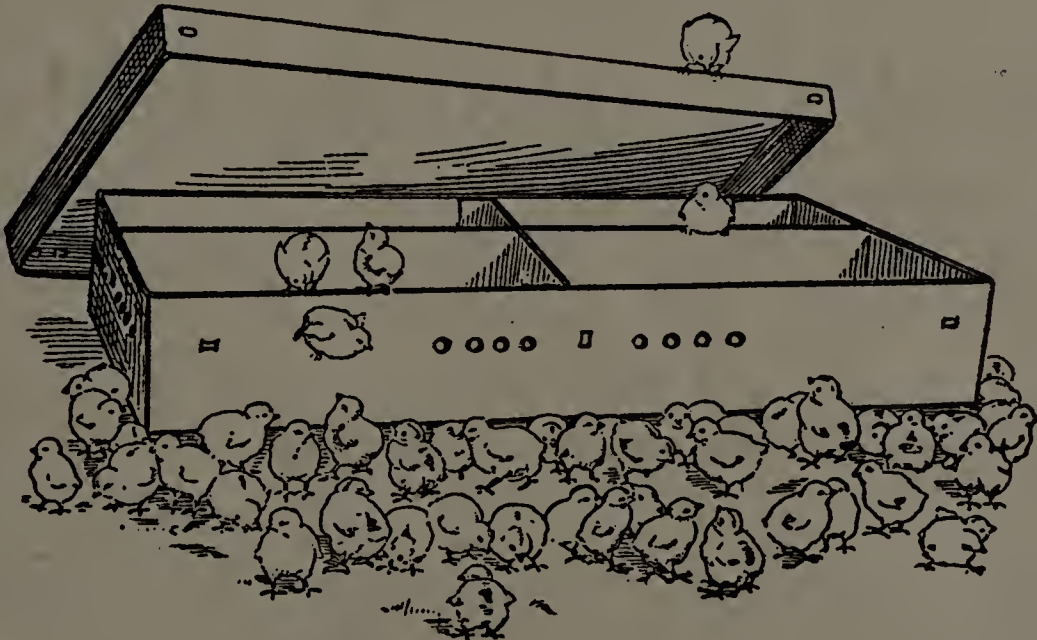
HOW TO ORDER

Our hatchery ships every Monday during the hatching season, so endeavor to get your order in the week before and you can then depend on getting the chicks you order the following Tuesday. The earlier we have your order the better.

When you order, give second choice in case we are sold up on the breed you order. This is to save delay.

All orders are acknowledged promptly on receipt. Remit by Postoffice or Express money order. Our terms on baby chicks are cash to all.

Baby chicks are almost certain money-makers, whether purchased for supplying the home fryers, egg layers or for the farm commercial flock. Our Sterling chicks are easy to raise, you can get them promptly, and are delivered by your postman without any inconvenience or trouble, just have a good brooder or some hens to care for the chicks on arrival. Start them early, it pays to get and have the chicks as early in the spring as possible.



100% LIVE DELIVERY GUARANTEED

You will absolutely get full count and full value and we guarantee 100% live delivery on our Sterling chicks. All are selected at the hatchery to see that you get strong, husky chicks.

We further guarantee that you will be thoroughly satisfied with the Sterling baby chicks we ship you. The stock is right and the chicks are right.

FEEDING ON ARRIVAL

When chicks arrive water sparingly and give them a feeding of Ultra-Life and Ful-O-Pep Chick Starter. You will then raise better than 90%.

PRICES FOR DELIVERY IN JAN., FEB., MARCH, APRIL

Terms cash with order	25 Chicks	50 Chicks	100 Chicks	200 or More Per 100 Chicks
Barred Plymouth Rocks..	\$2.50	\$4.50	\$8.00	\$7.50
Buff Plymouth Rocks.....	2.50	4.50	8.00	7.50
Rhode Island Reds.....	2.50	4.50	8.00	7.50
White Plymouth Rocks..	2.50	4.50	8.00	7.50
White Wyandottes	2.50	4.50	8.00	7.50

Ask for prices on baby chicks for delivery in May, June and July.

PRICES FOR DELIVERY IN JAN., FEB., MARCH, APRIL

Terms cash with order	25 Chicks	50 Chicks	100 Chicks	200 or More Per 100 Chicks
Buff Orpingtons.....	\$2.50	\$4.50	\$8.00	\$7.50
Mottled Anconas	2.25	4.25	7.50	7.00
S. C. White Leghorns.....	2.25	4.25	7.50	7.00
Brown Leghorns	2.25	4.25	7.50	7.00
Assorted Heavy Breeds	2.25	4.25	7.50	7.00

Write for prices on larger quantities.

STERLING S. C. RHODE ISLAND REDS

Quick growth is the outstanding good point in Rhode Island Reds. We can supply either Tompkin's or the Thompson strain—both good. Rhode Island Reds are vigorous and make fine fryers early.

STERLING BARRED PLYMOUTH ROCKS

We can furnish Thompson and Purdue strains in this most popular breed. For early broilers, this breed is hard to beat.

STERLING S. C. WHITE WYANDOTTES

Can give you either Fishel's or Martin's Wyandottes. As early fryers this breed is one of the best. The Wyandottes are superior winter layers and produce beautiful, large size hens and roosters. Wyandottes are a vigorous, strong breed that are easily raised.



STERLING S. C. WHITE LEGHORNS

The leading breed for egg production, they produce eggs the year 'round. We have the Tancred and English White Leghorns, both noted for their superior laying qualities.

STERLING MOTTLED ANCONAS

Shepperd's strain, the best there is in this class. The Anconas are of the Mediterranean class, wonderful layers. When it comes to shelling out eggs the Anconas are on the job.

STERLING WHITE PLYMOUTH ROCKS

A great big white chicken that lays big white eggs. We have the celebrated Tolman strain of this most excellent breed. They are good layers and grow quickly to frying size.

GENERAL SPRAY INFORMATION

Russell-Heckle's Oil Emulsion

For dormant spray to control scale, Oil Emulsion Spray has no equal; it creeps and covers every part of the tree. Use it in January, February or March on a bright, warm day; avoid exposure to freezing.

Made according to formula in U. S. Farmers Bulletin No. 933. Use 1 gallon to 32 gallons of water. To control peach tree leaf curl, use 4 pounds Bordeaux Mixture or 3 pounds of Blue Stone (put these in water first) and 1 gallon of Oil Emulsion to 32 gallons of water. Price: Qt. 35c; 1 gal. can 65c; 5 gal. can \$2.25; 10 gal. can \$4.00; f.o.b. Memphis.

Russell-Heckle's Dry or Peach Mix

A summer spray on Peaches and Plums, for use in place of self or home-boiled Lime Sulphur, for the control of brown rot, scab and leaf spot. Use 1 pound to 5 gallons of water, first application, when the husks fall. Spray every two weeks with Dry Mix and add a little Black Leaf 40. This is to control brown rot, scab, curculio and Oriental Peach Moth. Price: Dry Mix, 1 lb. 25c; 5 lbs. 80c; 12½ lbs. \$1.50.

Russell-Heckle's Lime Sulphur Solution

One of the best fungicides for the dormant or growing period. To control scale and peach tree leaf curl. Full directions on cans. Qt. 35c; gal. 65c; 5-gal. can \$2.25; 10-gal. can \$4.00.

For prices on other insecticides see pages 51-52-53.

R.-H. Co.'s Powdered Lime Sulphur

A convenient material to control San Jose scale and other fungus troubles, such as peach tree leaf curl and blister mites. Dilute 1 pound Dry Lime Sulphur to 4 gallons of water. 1-lb. can 30c; 5-lb. can \$1.20; 12½ lb. pkg. \$1.50.

R.-H. Co.'s Dritomic Sulphur

One of the best preparations for the shuck spray, and growing period or summer spray on peaches, apples, etc. On the shuck spray add arsenate of lead. Dritomic Sulphur will control scab and brown rot on peaches and plums, and scab on the apple. Use 1 pound to 20 gallons of water. We have both Apple and Peach Dritomic Sulphur. 4-lb. package, 65c.

R.-H. Co.'s Bordeaux Mixture

One of the most generally used and satisfactory preparations for controlling plant diseases of most kinds. It is especially good to correct blight on Phlox, Roses, Snap Dragons, black or blossom end rot on Tomatoes, blotch on Apples, black rot on Grapes, etc. 1 lb. 25c; 4 lbs. 70c.

Black Leaf 40

For all sucking insects, such as lice, Red Spider and aphids on roses, apple and plum trees, evergreens, etc. Use 1 ounce to 5 gallons of soapy water. 1 oz. 35c; 5 oz. \$1.00.

1933 ROSE AND SHRUB COLLECTIONS

The rose bushes and shrubs offered in these collections are two year field grown, strictly No. 1 grade; guaranteed true to name. Sold as priced by collections only. These assortments cannot be changed. Send in your orders and all shipments will be made promptly, weather permitting. Also bear in mind these collections will be shipped separately from any other trees, plants, seeds, etc., ordered direct from grower.

We guarantee that you will be highly pleased with these plants in every way. Note the very low prices. Express shipments are advised, since the plants can always be packed better than when sent by parcel post. We do not pay express charges.

Charming Collection

10 TWO-YEAR NO. 1 GRADE

Bush Roses

REGULAR VALUE \$4.20

Specially priced \$2.60;

By mail \$2.95.

Columbia—Silvery glowing pink.
Etoile De France—Rich velvety crimson.
Francis Scott Key—Brilliant Scarlet Crimson.
Frau Karl Druschki—Large pure white.
Red Radiance—Deep fragrant red.
Paul Neyron—Immense size, pink.
Briarcliff—Deep richest pink.
Lady Hillingdon—Beautiful golden yellow.
Ophelia—Salmon shaded rose.
Rev. F. Page Roberts—Yellow, stained red.



Exceptional Collection

10 TWO-YEAR NO 1 GRADE

Rose Bushes

REGULAR VALUE \$4.90.

Specially priced \$3.00;

By mail \$3.35.

Betty Uprichard—Carmine with copper edge.
Dame Edith Helen—Magnificent vivid pink.
Etoile De Holland—Brilliant Crimson red.
Wm. Kordes—Deep golden salmon.
E. G. Hill—Dazzling deepest red.
Souv. Claudius Pernet—Sunflower yellow.
Feu Jos. Looymans—Yellow and bright apricot.
Margaret McGredy—Orange, shaded scarlet.
Talisman—Pink, gold and apricot shading.
Ophelia—Salmon, shaded pink.

Phenomenal Collection

10 TWO-YEAR NO. 1 GRADE

Rose Bushes

REGULAR VALUE \$4.40

Specially priced \$2.75;

By mail \$3.10.

General Jacqueminot—Large bright crimson.
Hadley—Rich crimson red.
Pink Radiance—Rich rosy pink.
Luxembourg—Shaded orange yellow.
Mrs. Aaron Ward—Deep Orange yellow.
Sunburst—Coppery golden orange.
Lady Margaret Stewart—Yellow, splashed red.
Souv. Georges Pernet—Brick red, shaded pink.
Pres. Herbert Hoover—Pink, shaded orange.
Talisman—Pink, gold, apricot shading.

Shrub Collection

10 TWO-YEAR STRONG SHRUBS

REGULAR VALUE \$3.60.

Specially priced \$2.25;

By mail \$2.65.

1 Butterfly Bush—Lilac blue.
1 Pink Crepe Myrtle—Clear pink.
1 Forsythia, Golden Bell—Lemon yellow.
1 Spirea Van Houtte—White as snow.
1 Red Leaved Barberry—Bronze red.
1 Calycanthus—Sweet Shrub.
1 Red Flowering Peach—Double red.
1 Deutzia, Pride of Rochester—Double white.
1 Spirea, Anthony Waterer—Rose pink.
1 Snowball—Snow white.
All plants sent direct from our grower to your address.

Popular Collection

10 TWO-YEAR NO. 1 GRADE

Rose Bushes

REGULAR VALUE \$4.20.

Specially priced \$2.60;

By mail \$2.95.

Etoile De France—Rich velvety crimson.
Francis Scott Key—Brilliant scarlet crimson.
Killarney—Beautiful flesh pink.
Frau Karl Druschki—Largest pure white.
Mrs. Chas. Bell—Large shell pink.
Los Angeles—Pink shaded golden.
Mrs. Aaron Ward—Clear deep yellow.
Ophelia—Salmon shaded rose.
Dame Edith Helen—Magnificent vivid pink.
Pauls Scarlet Climber—Fiery brightest red.

IMPORTANT NOTICE

Conditions beyond our control force us to sell for CASH ONLY
REMIT BY POST OFFICE MONEY ORDER OR REGISTERED LETTER
ALL CHECKS MUST BE CERTIFIED.

RUSSELL-HECKLE'S

GREEN INK QUANTITY PRICE LIST

No. 76 — January 10th, 1933

These prices cancel all previous quotations. Parcel Post: If you order from this list to come by Parcel Post, be sure to include money for postage. All prices on this Green Ink List are f.o.b. Memphis, and are also subject to important market changes.

BEANS—Bush Green and Wax Pod

60 lbs. to bu. Catalogue Page 7.	Gal.	Peck	Bu.
Black Valentine	\$0.85	\$1.45	\$5.40
Bountiful	.90	1.50	5.75
Burpee's Stringless Green Pod	.85	1.45	5.40
Giant Stringless Green Pod	.85	1.45	5.40
Imp. Early Red Valentine	.85	1.40	5.35
Refugee or 1000 to 1	.90	1.50	5.75
Tennessee Green Pod	.95	1.60	6.25
Currie's Rust Proof Wax	1.15	1.90	6.70
Improved Golden Wax	1.10	1.85	6.40
Pencil Pod Wax	1.10	1.85	6.40
Sure Crop Wax	1.15	1.90	6.70
Webber Wax	1.25	2.20	7.40

BEANS—Bush Lima

60 lbs. to bu. Catalogue Page 7.	Gal.	Peck	Bu.
Burpee's Improved Bush Lima	\$1.40	\$2.50	\$9.50
Fordhook Bush Lima	2.50	4.75	18.00
Henderson's Bush Lima	.85	1.60	5.75
Never Fail Bush Lima	.95	1.70	6.50
Wood's Prolific Bush Lima	.95	1.70	6.50

BEANS—Pole or Running

60 lbs. to bu. Catalogue Page 8.	Gal.	Peck	Bu.
Kentucky Wonder	\$1.00	\$1.75	\$6.50
McCaslan	1.25	2.25	7.70
Red Speckled Cut Short	1.25	2.10	7.75
Scotia or Striped Cornfield	1.25	2.00	7.50
Tennessee Wonder	1.25	2.00	7.50
White Creaseback	1.20	2.00	7.25
White Seeded Kentucky Wonder	1.25	2.25	7.70

BEANS—Pole Butter or Lima

60 lbs. to bu. Catalogue Page 8.	Gal.	Peck	Bu.
Carolina Sieve, Small Pole Butter	\$1.10	\$1.75	\$6.50
Calico or Florida Speckled	1.15	1.90	7.00
King of the Garden Lima	1.45	2.50	9.25
Large White Lima	1.45	2.50	9.25
Willow Leaf Butter	1.25	2.25	8.50

BEANS—Field or Shell

60 lbs. to bu. Catalogue Page 8.	Gal.	Peck	Bu.
Great Northern	\$0.70	\$1.10	\$3.75
Pinto	.70	1.10	3.75
Red Kidney	.85	1.40	4.75
White Navy	.70	1.10	3.75

BEETS

Catalogue Page 9.	1 lb.	5 lbs.	10 lbs.
Crosby's Egyptian	\$0.45	\$1.60	\$3.00
Detroit Dark Red	.45	1.60	3.00
Early Blood Turnip	.45	1.60	3.00
Edmand's Blood Turnip	.45	1.60	3.00
Eclipse Blood Turnip	.45	1.60	3.00
R.-H. Co.'s Early Wonder	.45	1.60	3.00
Giant Feeding Sugar	.30	1.35	2.50
Golden Tankard Mangel	.30	1.35	2.50
Mammoth Long Red Mangel	.30	1.35	2.50

CABBAGE SEED

Catalogue Page 10	1/2 lb.	1 lb.	5 lbs.
All Seasons	\$0.70	\$1.10	\$5.00
Charleston Large Wakefield	.60	1.00	4.50
Danish Ball Head	.90	1.50	7.00
Copenhagen Market	.75	1.25	6.00
Early Jersey Wakefield	.60	1.00	4.50
Early Flat Dutch	.70	1.10	5.00
Early Drumhead	.60	1.00	4.50
Early Summer	.60	1.00	4.50
Golden Acre	1.00	1.75	8.00
Large Late Drumhead	.70	1.10	5.00
Large Late Flat Dutch	.70	1.10	5.00
Large Drumhead Savoy	.70	1.10	5.00
Succession	.70	1.10	5.00
Chinese Cabbage, Pe-tsai	.80	1.25	6.00

CABBAGE PLANTS

FROST PROOF. Catalogue Page 5.	1000	5000	10000
Charleston Wakefield, Early Jersey Wakefield, Flat Dutch, Prices f.o.b. Memphis	\$1.50	\$6.25	11.50
Prices f.o.b. Growing Station	1.25	4.50	8.00

HOME GROWN HOT BED PLANTS

Varieties as Above, Ready March 1st.	1000	5000	10000
Prices f.o.b. Memphis	\$1.75	\$8.00	\$14.00

CARROTS

Catalogue Page 11.	1 lb.	5 lbs.	10 lbs.
Danver's Half Long	\$0.90	\$4.00	\$7.50
Half Long Scarlet Chantenay	.90	4.00	7.50
Improved Long Orange	.65	3.00	5.50
Oxheart	.80	3.50	6.50
R.-H. Co.'s Coreless	1.00	4.50	8.50

COLLARDS

Catalogue Page 11.	1 lb.	5 lbs.	10 lbs.
Georgia White Cabbage	\$0.50	\$2.00	\$3.50
Southern or Georgia	.50	2.00	3.50

CANTALOUPE or Musk Melon

Catalogue Page 15.	1/2 lb.	1 lb.	5 lbs.
Acme or Baltimore	\$0.40	\$0.70	\$3.00
California Beauty	.60	1.00	4.50
Hale's Best	.45	.75	3.25
Hearts of Gold	.45	.75	3.25
Lake Champlain	.50	.85	3.75
Mammoth Rocky Ford	.50	.85	3.75
Pink Meat Rocky Ford	.45	.75	3.25
Rocky Ford Select	.40	.65	2.75
Sugar Rock	.60	1.00	4.50
Superfecto	.60	1.00	4.50
Tip Top Nutmeg	.45	.75	3.25

CORN—Garden

56 lbs. to bu. Catalogue Page 12.	Gal.	Peck	Bu.
Early Large Adams	\$0.60	\$1.00	\$3.50
Extra Early Adams	.60	1.00	3.75
Elam's Early Market	.60	1.00	3.75
Improved Adams	.60	1.00	3.50
R.-H. Co.'s Early Surprise, genuine stock	.50	.75	2.50
Snowflake, Northern	.50	.75	2.25
Trucker's Favorite	.50	.75	2.50

CORN—Sugar

Sold by measure only. Catalogue Page 12.	Gal.	Peck	Bu.
Borden's Wonder Bantam	\$0.80	\$1.50	\$5.50
Beats All Sugar	.85	1.60	5.75
Country Gentleman	.75	1.35	4.75
Golden Bantam	.75	1.25	4.50
Golden Sunshine	.80	1.50	5.50
Howling Mob	.75	1.35	4.75
Mammoth Sugar	.80	1.35	4.75
Stowell's Evergreen	.80	1.35	4.75
Whippell's Early Yellow	.75	1.25	4.50

CUCUMBERS

Catalogue Page 13.	1 lb.	5 lbs.	10 lbs.
Black Diamond	\$0.75	\$3.00	\$5.00
Chicago Pickle	.75	3.00	5.00
Davis Perfect	.85	3.50	6.00
Early Fortune	.85	3.50	6.00
Early Green Cluster	.65	2.75	4.75
Evergreen White Spine	.65	2.75	4.75
Improved Early White Spine	.65	2.75	4.75
Improved Long Green	.75	3.25	5.00
Longfellow	.85	3.50	6.00
Snow's Pickling	.85	3.50	6.00
Stays Green	.85	3.50	6.00
Woodruff's Hybrid	.85	3.50	6.00

EGG PLANT—Endive

Catalogue Page 13.	Oz.	1/4 lb.	1 lb.
Black Beauty Egg Plant	\$0.35	\$0.90	\$2.90
New York Improved Purple Egg Plant	.35	.90	2.90
Broad Leaved Endive	.15	.40	1.25
Large Green Curled Endive	.15	.40	1.25

KALE—Kohl Rabi—Leek

Catalogue Pages 13-14.	1/4 lb.	1 lb.	5 lbs.
Dwarf Green Curled Kale	\$0.15	\$0.50	\$1.75
Early White Vienna Kohl Rabi	.50	1.50	6.00
London Flag Leek	.45	1.35	6.00

LETTUCE

Catalogue Page 14.	1/4 lb.	1/2 lb.	1 lb.
Big Boston	\$0.35	\$0.60	\$0.90
Black Seeded Simpson	.30	.50	.80
Chicken Lettuce	.40	.65	1.00
Hanson Improved	.30	.50	.80
Iceberg	.40	.65	1.00
Large White Cabbagehead	.30	.50	.80
New York or Wonderful	.45	.70	1.00

MUSTARD

Catalogue Page 17.	1 lb.	5 lbs.	10 lbs.
Chinese Mammoth	\$0.40	\$1.35	\$2.25
Elephant Ear	.40	1.50	2.50
Florida Broad Leaf	.40	1.50	2.50
Fordhook Fancy	.40	1.50	2.50
Ostrich Plume	.40	1.50	2.50
Southern Giant Curled	.35	1.25	2.25
Japanese Mustard-Spinach	.50	2.25	3.50

OKRA

Catalogue Page 17.	1 lb.	5 lbs.	10 lbs.
Early Dwarf Green	\$0.35	\$1.50	\$2.25
Tall or Long Green	.35	1.50	2.25
White Velvet	.35	1.50	2.25

ONION SEED

Catalogue Page 17.	¼ lb.	½ lb.	1 lb.
Large Red Wethersfield	\$0.45	\$0.75	\$1.25
Prizetaker	.45	.80	1.45
Southport White Globe	.55	1.00	1.75
White Silver Skin	.50	.90	1.60
Sweet Spanish	.50	.90	1.60
Yellow Globe Danvers	.40	.70	1.20
Prosperity White Bunching	.55	1.00	1.90

ONION PLANTS—Bermuda

Catalogue Page 17. F.O.B. Memphis	1000	Crate 6000
Crystal White Wax Bermuda Plants	\$0.80	\$3.60
Yellow or Straw Colored Bermuda Plants	.80	3.60
Prices f.o.b. Growing Station		
Crystal White Wax Bermuda Plants, 6000 for		3.00
Yellow or Straw Colored Bermuda Plants, 6000 for		3.00

ONION SETS

Catalogue Page 17.	1 Gal.	Peck	1 Bu.
Red Wethersfield	\$0.40	\$0.75	\$1.90
Yellow Globe Danvers	.40	.75	1.90
White Silver Skin	.50	.85	2.25
White Multiplier	.50	.95	2.75

PARSLEY—Parsnip

Catalogue Page 18.	¼ lb.	½ lb.	1 lb.
Champion Moss Curled Parsley	\$0.25	\$0.40	\$0.60
Double Curled Parsley	.25	.40	.60
Sugar or Hollow Crown Parsnip	.25	.35	.50

PEAS—English

Smooth Bu. 60 lbs. Catalogue Page 18.	Gal.	Peck	Bu.
Early Alaska	\$0.85	\$1.35	\$4.90
Ameer Large Pod Alaska	.95	1.60	5.50
First and Best	.90	1.50	5.25
Large White Marrowfat	.90	1.50	5.25

PEAS—English

Wrinkled Bu. 56 lbs. Catalogue Page 18.	Gal.	Peck	Bu.
American Wonder	\$0.95	\$1.65	\$5.75
Bliss Everbearing	.95	1.65	5.75
Champion of England	1.00	1.75	6.25
Hundred Fold	1.20	2.00	7.25
Laxtonian	1.20	2.00	7.25
Little Marvel	1.20	2.00	7.25
Gradus or Prosperity	1.20	2.00	7.25
McLean's Little Gem	1.10	1.85	6.50
Nott's Excelsior	.95	1.65	5.75
Telephone	1.10	2.00	7.50
Thomas Laxton	1.10	2.00	7.50
Dwarf Telephone	1.25	2.15	7.75

PEPPER

Catalogue Page 19.	¼ lb.	½ lb.	1 lb.
Bell or Bull Nose	\$0.70	\$1.25	\$2.00
California Wonder	.95	2.00	3.50
Chinese Giant	1.10	2.00	3.75
Harris Earliest Giant	.85	1.50	2.75
Long Red Cayenne	.65	1.20	2.00
Pimento	.60	1.10	1.90
Ruby King	.55	1.00	1.85
Royal King	.70	1.25	2.25
World Beater	.85	1.60	2.75

PUMPKIN

Catalogue Page 20.	1 lb.	5 lbs.	10 lbs.
Kentucky Yellow Field	\$0.30	\$1.25	\$1.80
King of the Mammoth	.85	4.00	7.00
Striped Cushaw	.75	3.50	6.50
Tennessee Sweet Potato	.85	3.75	7.00

RADISH

Catalogue Page 20.	1 lb.	5 lbs.	10 lbs.
Cooper's Sparkler	\$0.40	\$1.75	\$3.00
China Rose Winter	.50	2.25	3.50
Early Long Scarlet Short Top	.40	1.75	3.00
Early Scarlet Globe	.40	1.75	3.00
Early Scarlet Turnip	.40	1.75	3.00
Early Scarlet Turnip White Tip	.40	1.75	3.00
French Breakfast	.45	2.00	3.50
Icicle	.45	2.00	3.50
Mammoth White Chinese	.50	2.25	3.50

SALSIFY—SQUASH—SWISS CHARD

Catalogue Page 21.	½ lb.	1 lb.	5 lbs.
Mammoth Sandwich Island Salsify	\$0.90	\$1.50	\$6.00
Lucullus Swiss Chard	.30	.50	2.00
Early White Bush Squash	.45	.70	3.00
Giant Yellow Crookneck Squash	.45	.75	3.25
Mammoth White Bush Squash	.45	.70	3.00
Yellow Summer Crookneck Squash	.45	.75	3.25
Golden Custard Squash	.45	.75	3.25

SPINACH

Catalogue Page 21.	1 lb.	5 lbs.	10 lbs.
Bloomsdale Curled Savoy	\$0.35	\$1.00	\$1.80
Long Standing Bloomsdale Savoy	.35	1.25	2.00
Norfolk Blight Resistant Savoy	.35	1.25	2.00
Broad Leaved Flanders	.35	1.25	2.00
King of Denmark	.45	1.50	2.50
New Zealand	.50	2.25	3.25

TOMATO

Catalogue Pages 22-23.	¼ lb.	½ lb.	1 lb.
Earliana	\$0.55	\$1.00	\$1.65
Early Detroit	.85	1.60	2.50
Early Detroit, Special Stock	1.25	2.00	3.75
Gulf State Market	.85	1.60	2.50
Gulf State Market, Special Stock	1.25	2.00	3.75
Livingston's Globe	.80	1.50	2.50
Livingston's Globe, Special Stock	1.25	2.25	4.00
Marglobe	.75	1.25	2.00
Marglobe, Certified Stock	1.00	1.80	3.25
New Stone	.45	.80	1.35
Ponderosa	1.00	1.85	3.50
Pritchard	1.00	1.75	3.25

TURNIP

Catalogue Page 24.	1 lb.	5 lbs.	10 lbs.	25 lbs.
American Red Top Globe	\$0.50	\$2.25	\$3.50	\$7.50
Extra Early White Egg	.35	1.25	2.25	4.95
Extra Early Purple Top Milan	.45	1.75	3.00	6.50
Extra Early White Milan	.45	1.75	3.00	6.50
Large Amber Globe	.35	1.25	2.25	4.90
Large White Globe	.35	1.25	2.25	4.95
Mammoth Purple Top Globe	.35	1.25	2.25	4.90
Southern Seven Top, Native	.25	1.00	1.60	3.50
Southern Seven Top, Special Stock	.35	1.50	2.50	5.25
Japanese Shogoin Louise Resistant	.40	1.75	3.00	6.25
White Flat Dutch Strap Leaf	.35	1.25	2.25	4.95
Red or Purple Top Strap Leaf	.35	1.25	2.25	4.95
Yellow Aberdeen	.35	1.25	2.25	4.90
Southern Prize	.35	1.25	2.25	4.95
Mixed Varieties Turnip	.35	1.25	2.25	4.90
Imp. Purple Top Yellow Rutabaga	.35	1.25	2.25	4.95

WATERMELON

Catalogue Page 16.	¼ lb.	1 lb.	5 lbs.	10 lbs.
Black Diamond	\$0.25	\$0.75	\$3.00	\$5.50
Excel	.25	.75	3.00	5.50
Florida Favorite	.20	.65	2.75	4.50
Georgia Rattlesnake	.20	.65	2.75	4.50
Halbert Honey	.20	.65	2.75	4.50
Kleckley's Sweet	.20	.65	2.75	4.50
Irish Gray	.20	.65	2.75	4.50
New Wonder	.20	.65	2.75	4.50
R.-H. Co.'s Big Boy	.45	1.25	5.00	8.50
Schlochler	.30	.85	3.75	6.50
Stone Mountain	.25	.75	3.25	5.50
Tom Watson	.20	.65	2.75	4.50
Special Kleckley's Sweet	.30	.85	3.90	7.60
Special New Wonder	.30	.85	3.75	7.00
Special Stone Mountain	.40	1.10	4.50	8.00
Special Tom Watson	.25	.75	3.10	5.60

CERESAN—SEMESAN

Catalogue Pages 52-54. Prices by express only. Not mailable			
CERESAN			
For cotton seed, oats, sorghums, grains.			
1 lb. tin 75c	5 lb. tin \$3.00	25 lb. Pail \$12.50	
SEMESAN			
For garden and flower seeds.			
2 oz. tin 50c	1 lb. tin \$2.50	5 lb. tin \$11.75	
SEMESAN BEL			
For bulbs and potatoes.			
4 oz. tin 50c	1 lb. tin \$1.75	SEMESAN JR.	
5 lb. tin \$8.00		For Field and Sweet Corn	
		4 oz. tin 40c	1 lb. tin \$1.50
		5 lb. tin \$7.00	

CULTURES OR INOCULATIONS

Catalogue Page 35.			
NITRAGIN			
For Alfalfa and all Clovers.			
½ bu. size, each	50c	5 bu. size, each	\$4.00
1 bu. size, each	90c	Specify crop when ordering	
NITRAGIN			
For Cow Peas, Lespedeza, Soy Beans—Specify crop when ordering			
1 bu. size, each	40c	5 bu. size, each	\$1.50
2 bu. size, each	70c	10 bu. size, each	2.50
HUMOGERM			
For Alfalfa and all Clovers—Specify crop when ordering.			
½ bu. size, each	35c	2½ bu. size, each	\$1.00
1 bu. size, each	50c	10 bu. size, each	4.00
HUMOGERM			
For Cow Peas, Lespedeza, Soy Beans, Peas, Beans, Peanuts, Vetch.			
1 bu. size, each	35c	5 bu. size, each	\$1.00
2 bu. size, each	50c	20 bu. size, each	4.00
Sdecify crop when ordering.			

CLOVER SEED—Top Notch

Catalogue Pages 36-37.	Peck	Bu.	100 lbs.
Alfalfa, Hardy Western, Bu. 60 lbs.	\$2.25	\$8.50	\$13.50
Alfalfa, Hardy Northwestern, Bu. 60 lbs.	2.90	11.00	17.50
Alfalfa, Dakota No. 12, Bu. 60 lbs.	3.00	11.50	18.50
Alfalfa, Disco No. 28, Bu. 60 lbs.	3.90	15.00	24.00
Alfalfa, Hairy Peruvian, Bu. 60 lbs.	2.65	10.00	16.00
Alfalfa, Grimm, Bu. 60 lbs.	4.00	15.50	25.00
Alsike or Swedish Clover, Bu. 60 lbs.	2.40	9.00	14.50
Black Medic, Bu. 60 lbs.	3.00	11.25	18.00
Hop Clover, Bu. 60 lbs.	4.00	15.50	25.00
Mammoth Sapling Clover, Bu. 60 lbs.	2.55	9.60	15.50
Red Clover, Top Notch, Bu. 60 lbs.	2.40	9.00	14.50
Red Clover, Choice, Bu. 60 lbs.	2.10	7.80	12.50
White Dutch Clover, Top Notch, Bu. 60 lbs.	5.50	20.50	32.00
Melilotus, Wh. Sweet Scarified, Bu. 60 lbs.	1.00	3.65	5.50
Melilotus, Yellow Blossom Sweet, Bu. 60 lbs.	1.30	4.80	7.50
Lespedeza, Kobe, Bu. 25 lbs.	.50	1.50	5.90
Lespedeza Korean, Bu. 25 lbs.	.50	1.60	6.00
Lespedeza, Tenn. Station, 76, Bu. 25 lbs.	.65	1.90	6.95
Lespedeza, Native, Bu. 25 lbs.	.40	1.35	5.00

Sericea Perennial Lespedeza, Scarified, Strains 12087 and 0430, ¼ lb. \$1.50, ½ lb. \$2.50, 1 lb. \$4.50, 5 lbs. \$22.00: Post Paid. Ask for prices on larger quantities.

CORN SEED—Top Notch Grade

Catalogue Pages 44-45.	Peck	Bu.	2 Bu.
Top Notch Hasting's Prolific	\$0.60	\$1.50	\$2.60
Top Notch Hickory King	.60	1.50	2.60
Top Notch Bloody Butcher (Dent's Special)	.75	2.00	3.50
Top Notch Early White Dent	.50	1.15	1.95
Top Notch Jarvis Golden Prolific	.60	1.50	2.60
Top Notch Mexican June	.55	1.40	2.40
Top Notch Mosby Prolific	.60	1.50	2.60
Top Notch North Carolina Prolific	.60	1.50	2.60
Top Notch Paymaster	.60	1.50	2.60
Top Notch Silver Mine	.50	1.15	1.95
Top Notch St. Charles White Red Cob	.50	1.15	1.95
Top Notch Early Yellow Dent	.50	1.15	1.95
Top Notch Tait's Early White Dent	.75	2.10	3.70
Top Notch Tenn. White Red Cob	.60	1.50	2.60
Top Notch Tenn. Mammoth Yellow Dent	.60	1.50	2.60
Top Notch Gold Mine	.50	1.15	1.95

COMMERCIAL SEED CORN

Machine Graded and Recleaned.	½ bu.	1 bu.	2 Bu.
Catalogue Page 44.			
Early White Dent	\$0.50	\$0.85	\$1.35
Paymaster	.55	.90	1.45
Silver Mine	.50	.85	1.35
St. Charles White Red Cob	.55	.90	1.45
Early Yellow Dent	.55	.90	1.40
Gold Mine	.55	.90	1.40

POPCORN SEED

Catalogue Page 12.	1 lb.	10 lbs.	25 lbs.
Australian Dynamite, Yellow	\$0.15	\$0.90	\$2.00
Japanese Little Buster Rice	.15	.85	1.75
Mammoth White Rice	.15	.85	1.75

Queen Golden for Popping \$4.00 per 100 lbs.

COTTON SEED—Culled and Graded

Catalogue Page 43.	100 lbs.	500 lbs.	2000 lbs.
R.-H. Co.'s D. & P. L. No. 4	\$1.75	\$7.50	\$27.50
R.-H. Co.'s D. & P. L. No. 4-8	1.75	7.50	27.50
R.-H. Co.'s Coker's Foster 6	1.90	8.25	30.00
R.-H. Co.'s Misdal No. 1	1.75	7.50	27.50
R.-H. Co.'s Misdal No. 2	1.75	7.50	27.50
R.-H. Co.'s Coker's Cleveland No. 5	1.75	7.50	27.50
R.-H. Co.'s Half & Half	1.65	7.00	25.00
R.-H. Co.'s Stoneville No. 1	1.75	7.50	27.50
R.-H. Co.'s Stoneville No. 2	1.75	7.50	27.50
R.-H. Co.'s Rowden 40	1.75	7.50	27.50
R.-H. Co.'s Wannamaker Cleveland	1.75	7.50	27.50

GRASS SEED—Top Notch

Catalogue Pages 33-34.	10 lb.	50 lbs.	100 lbs.
Bermuda Grass, Bu. 40 lbs.	2.30	9.75	18.00
Carpet Grass, Bu. 30 lbs.	1.20	4.60	8.50
Dallas Grass, Bu. 10 lbs.	2.30	9.50	18.00
Chicken Pasture Mixture, Bu. 40 lbs.	.60	2.00	3.50
Evergreen Lawn Grass, Bu. 20 lbs.	2.40	9.85	18.50
Kentucky Blue Grass, Bu. 21 lbs.	1.70	6.60	12.50
Orchard Grass, Bu. 14 lbs.	1.50	6.00	11.50
Pasture Grass Mixtures 1 and 2 Bu. 25 lbs.	1.25	5.00	9.50
Permanent Hog Pasture Grass Mix. Bu. 30 lbs.	1.10	4.50	8.50
Red Top or Herd's Grass, Solid Seed, Bu. 30 lbs.	.90	3.50	6.50
Shady Spot Lawn Grass, Bu. 20 lbs.	3.00	13.25	25.00
Sudan Grass, Bu. 40 lbs.	.35	1.25	2.00
Timothy Seed, Bu. 45 lbs.	.60	2.60	4.75
Sunny South Lawn Grass, Bu. 20 lbs.	2.50	10.00	19.00
Poa Trivialis	3.00	13.00	24.00
Timothy and Alsike Mixed	1.10	4.25	8.00

KAFFIR CORN—MILO—GROHOMA, ETC.

Bu. 50 Lbs. Catalogue Page 38.	10 lb.	50 lbs.	100 lbs.
Red Kaffir Corn, Extra Select	\$0.40	\$1.25	\$2.00
White Kaffir Corn, Extra Select	.40	1.25	2.00
Yellow Milo Maize, Extra Select	.40	1.25	2.00
Feterita, Extra Select	.40	1.25	2.00
Shallu, Egyptian Wheat, Extra Select	1.10	4.00	7.00
Grohoma, Extra Select	.50	1.70	2.75

MILLET

Catalogue Page 41.	10 lb.	50 lbs.	100 lbs.
Hungarian Millet, Bu. 48 lbs.	\$0.70	2.35	\$4.00
Japanese Barn Yard Millet, Bu. 40 lbs.	1.20	3.10	5.50
Pearl or Cat Tail Millet, Bu. 50 lbs.	1.20	4.65	8.50
Tennessee Golden Millet, Bu. 50 lbs.	.45	1.45	2.60

SEED OATS

Fancy Selected, Recleaned, Bu. 32 lbs.	5 Bu.	25 Bu.
Catalogue Page 41.	Bu.	Per Bu.
Appler.....	\$0.55	\$0.42
Early Burt.....	.55	.40
Fulghum.....	.55	.42
Kanota.....	.55	.42
Norton.....	.80	.65
Red Rust Proof.....	.55	.40
Winter Turf.....	.70	.55

PEANUTS

Bu. 22 lbs. Catalogue Page 39.	10 lb.	50 lbs.	100 lbs.
North Carolina Runner	\$0.70	\$2.75	\$4.50
Tennessee Long Red	.75	2.90	5.00
White Spanish	.60	2.50	4.50
Velencia	1.20	5.00	8.50
White Virginia	.70	2.75	4.50

PEAS—Cow or Stock

Recleaned, Bu. 60 lbs. Catalogue Page 40.	Peck	Bu.	5 Bu.
Black Stock	.60	1.40	1.25
Brabham (Little Speckled)	.60	1.50	1.35
Clay Stock	.50	1.30	1.15
Mixed Cow Peas	.45	1.25	1.10
New Era Bunch	.50	1.25	1.10
Red Ripper Stock	.60	1.50	1.35
Whippoorwill or Speckled	.50	1.25	1.10
California White Blackeye, Extra Select	.95	3.25	3.00
Brown or Clay Crowder		Ask for Prices	
White Sugar Crowder		Ask for Prices	
White Lady Peas	1.20	3.75	

POTATOES—Irish

Bu. 60 lbs. Catalogue Page 19.	Peck	Bu.	2½ Bu.
Certified Red Triumph	.50	\$1.45	\$1.30
Certified Irish Cobbler	.50	1.45	1.30
Cold Storage Lookout Mt. for Summer Planting		Prices Made in June	
Cold Storage McCormick for Summer Planting		Prices Made in June	
Cold Storage Red Triumph for Summer Planting		Prices Made in June	

POTATOES—Sweet

Catalogue Page 19. Sold by bushel hamper only.	Bu.	5-1 Bu.
Shipped direct from growers.	Hampr.	Hamprs.
Certified Nancy Hall	\$1.00	\$4.75
Certified Porto Rica	1.05	4.95

POTATO SLIPS—Sweet, Certified

Ready about April 1st. Shipped direct from our growers express collect.	500	1000	5000
Catalogue Page 19. F.O.B. Grower			
Certified Nancy Hall Slips	\$1.25	\$2.00	\$7.50
Certified Porto Rica Slips	1.25	2.00	7.50

MISCELLANEOUS FARM SEEDS

Catalogue Pages 39-40.	10 lbs.	Bu.	100 lbs.
Broom Corn, Evergreen, Bu. 46 lbs.	\$0.80	\$3.25	\$6.00
Broom Corn, Oklahoma Dwf., Bu. 46 lbs.	.80	3.25	6.00
Buckwheat Seed, Bu. 50 lbs.	.60	2.00	3.60
Chufas, Earth Almonds, Bu. 44 lbs.	1.20	4.40	8.50
Peas, Canada Field, Bu. 60 lbs.	1.00	4.25	6.50
Rape, Dwarf Essex, Bu. 50 lbs.	.90	3.75	6.75
Sunflower, Mammoth Russian, Bu. 25 lbs.	1.10	1.75	6.50
Artichokes, Jerusalem, Bu. 50 lbs.	.60	2.00	3.40
Rye, Southern, Bu. 56 lbs.	.25	.85	1.25

SAGRAIN AND SORGHUM SEED

Bu 50 lbs. Catalogue Pages 38-39.	10 lbs.	50 lbs.	100 lbs.
Sagrain, Recleaned	\$0.35	\$0.90	\$1.50
Sagrain, Improved No. 303	.50	1.20	2.00
Early Amber Sorghum for Hay Commercial Grade	.25	.80	1.40
Early Amber Sorghum for Hay Extra Select	.35	1.10	1.75
Early Orange Sorghum for Hay Commercial Grade	.25	.80	1.40
Early Orange Sorghum Extra Select	.35	1.15	1.75
Red Top Sorghum for Hay Extra Select	.35	1.15	1.75

SPECIAL NOTICE
We have selected our syrup cane seeds with special care from the very best source, but it is humanly impossible to guarantee a syrup crop.

Japanese Honey Cane Extra Select	.50	2.10	3.75
Texas Seeded Ribbon Cane Extra Select	.45	2.00	3.50
Sugar Drip Sorghum	.40	1.25	2.00

SOY—VELVET—MUNG BEANS

Bu. 60 lbs. Catalogue Page 40.	Peck	Bu.	5 Bu.
Biloxi Soy Beans	\$0.50	\$1.40	\$1.25
Mammoth Brown Soy Beans	.50	1.40	1.25
Mammoth Yellow Soy Beans	.50	1.40	1.25
Mamredo Soy Beans	.90	2.75	2.50
Laredo Soy Beans	.45	1.35	1.20
Otootan Soy Beans	.85	2.45	2.30
Virginia Soy Beans	.50	1.40	1.25
Early Speckled Velvet Beans	.45	1.25	1.10
Mung Beans	1.50	4.50	4.40

BIRD SEED—In Bulk

Catalogue Page 60. Recleaned Stock.	5 lbs.	10 lbs.	25 lbs.
Bird Hemp	\$0.50	\$0.85	\$1.85
Bird Millet	.35	.60	1.25
Bird Rape	.50	.90	1.90
Plain Canary Seed	.50	.90	1.90
Mixed Canary Seed	.50	.90	1.90
Sunflower Seed	.50	.90	2.00
Cuttle Fish Bone, Loose, 1 lb. 35c	1.25		

SEED SOWERS

Catalogue Page 42.		
Cahoon Broadcast Hand Sower	Each	\$3.75
Cyclone Broadcast Hand Sower	Each	1.85
The Horn Broadcast Hand Sower	Each	.95
Thompson No. 3 Wheelbarrow Seeder	Each	12.75
Vigoro Junior 14 inch Fertilizer Spreader	Each	5.45
Vigoro Standard 24 inch Fertilizer Spreader	Each	9.95

DOG FEED—DOG BISCUITS

Catalogue Page 58	10 lbs.	25 lbs.	100 lbs.
Champion Dog Biscuit	\$1.20	\$2.50	\$9.00
Champion Kibbled Biscuit	1.20	2.50	9.00
Champion Puppy Biscuit	1.20	2.50	9.00
Champion Puppy Meal	1.20	2.50	9.00
Dickinson's Dog Cubes	1.00	2.00	7.00
Miller's A 1 Dog Ration	.60	1.20	4.25
Miller's A 1 Dog Biscuit	1.00	2.25	7.50
Miller's A 1 Kibbled Biscuit	1.00	2.25	7.50
Miller's A 1 Puppy Meal	1.00	2.25	7.50
Happy Dog and Puppy Food, Uncooked	.50	1.00	3.90

CANNED MEAT—For Dogs and Puppies

Catalogue Pages 58-59.		
Ken-L-Ration, 12 1-lb. cans	\$1.50	Case 48 cans 5.75
Hem-O-Ration, 12 1-lb. cans	1.75	Case 48 cans 6.00
Pup-E-Ration, 12 1-lb. cans	1.80	Case 48 cans 6.40
Kit-E-Ration, 12 1-lb. cans	1.80	Case 48 cans 6.15
Miller's Quick Lunch, 12 1-lb. cans	1.50	Case 48 cans 4.80
Vigo Canned Meat, 12 1-lb. cans	1.00	Case 48 cans 3.50

FERTILIZERS

Catalogue Pages 33-51.	25 lbs.	Sack 100 lbs.	Ton 2000 lbs.
R.-H. Co.'s Acid Phosphate, 16% Phosphate	\$1.15	\$18.75	
R.-H. Co.'s Bone Meal Fertilizer, 22% Phosphate	\$0.90	2.50	42.00
R.-H. Co.'s Good Luck Corn Fertilizer 4-8-4	1.50	26.90	
R.-H. Co.'s Good Luck Cotton Fertilizer 4-8-4	1.50	26.90	
R.-H. Co.'s Vegetable Fertilizer 3-8-6	1.50	26.90	
R.-H. Co.'s Kainit Potash Salts, 20% Potash	1.60	27.50	
R.-H. Co.'s Muriate of Potash, 48% Potash	2.75	51.00	
R.-H. Co.'s Calcium Nitrate, 15% nitrogen	1.90	34.00	
R.-H. Co.'s Nitrophoska, 15-30-15	1.25	4.50	75.00
R.-H. Co.'s Nitrate of Soda, 16% nitrogen	.75	2.00	36.00
R.-H. Co.'s Sulphate of Ammonia, 16% nitrogen	.75	2.00	35.00
R.-H. Co.'s Sheep Manure	.65	1.95	33.00
R.-H. Co.'s Jax Fertilizer, 17-33-17	2.50	8.00	
R.-H. Co.'s Lawn and Garden Lime, 40 lb. Bag 60c each			
Vigoro Fertilizer, 4-12-4			
5 lb. 50c; 10 lb. Bag 85c; 25 lb. Bag \$1.50; 50 lb. Bag \$2.50; 100 lb. Bag \$4.00			
R.-H. Co.'s Golden Flour Fertilizer, 5 lb. 30c; 10 lb. 50c; 25 lb. \$1.00; 50 lb. \$1.50.			
R.-H. Co.'s Granulated Peat Moss, 140 lb. Bale, Per bale \$3.75			

OYSTER SHELL—POULTRY GRIT

Catalogue Page 71.	10 lbs.	25 lbs.	100 lbs.
Bone Meal, Chick or Hen Size	\$0.40	\$0.90	\$2.75
Charcoal, Chick or Hen Size	.50	.85	2.70
Grit, Chick or Hen Size	.25	.45	1.00
Oyster Shell, Chick or Hen Size	.25	.45	1.00
Red Cross Pigeon Grit	.40	.85	2.95

POULTRY AND PIGEON FEEDS

Catalogue Page 72.	25 lbs.	50 lbs.	100 lbs.
Conkey's Buttermilk Starter with Y-O	\$0.90	\$1.65	\$3.15
Conkey's Buttermilk Growing Mash with Y-O	.75	1.40	2.65
Conkey's Fine Chick Scratch Grains	.60	1.05	1.95
Chamberlain's Perfect Chick Feed, No Corn	1.00	1.75	3.35
Ful-O-Pep Chick Starter with Buttermilk	.75	1.35	2.50
Ful-O-Pep Growing Mash with Buttermilk	.65	1.05	1.95
Ful-O-Pep Egg Mash with Buttermilk	.60	1.00	1.85
Ful-O-Pep Fine Chick Scratch Grains	.50	.90	1.60
Ful-O-Pep Growing or Coarse Chick Grain	.50	.85	1.50
Ful-O-Pep Hen Scratch Grains	.45	.80	1.40
Ful-O-Pep Fattening Mash	.55	.95	1.75
Happy No. 1 Pigeon Feed	.90	1.70	3.20
Happy No. 2 Pigeon Feed	.90	1.70	3.20

POULTRY FEEDS—Miscellaneous

Catalogue Page 62.	10 lbs.	25 lbs.	100 lbs.
Meat or Beef Scraps	\$0.40	\$0.75	\$2.25
Canada Field Peas	.75	1.75	6.50
Digester Tankage	.40	.75	2.25
Dried Buttermilk	.70	1.25	4.50
Dry Skim Milk	.70	1.25	4.75
Dicapho, Calcium	1.00	3.75	12.50
Rolled Oat Meal	.35	.65	2.00
Schumacher Calf Meal		.90	3.10
Sunflower Seed	.75	1.25	4.00
Sunset Rabbit Mash	.40	.75	2.75
Staf-O-Life Rabbit Pellets	.40	.75	2.85
Ultra Life	.88	1.88	6.50
Poultry Litter, Per Bale about 140 lbs. \$3.75.			

SPRAY MATERIAL—INSECTICIDES

Catalogue Pages 52-53-54.	
Arsenate of Lead, 4 lb. bag, 80c; Case 6 4-lb. bags, 24 lbs. for	\$3.80
Bordeaux Dry Powder, 4 lb. Pkg., 70c; Case 8 4-lb. bags, 32 lbs. for	3.80
Bordeaux Dry Powder, 25 lb. Carton for	2.75
Bug Death, 12½ lb. Carton, \$2.00; 100 lb. Bag	12.50
Blue Stone Copper Sulphate Crystals, 10 lbs., 95c; 100 lbs.	7.00
Blue Stone Copper Sulphate Snow or Powdered 10 lbs., 95c; 100 lbs.	7.50
Calcium Arsenate, 4 lb. Pkg., 60c; 100 lbs. drum for	6.50
Champion Tree Killer, 1 Gal., \$1.25; 5 Gal. Can for	6.00
Copper Sulphate Solution, 1 Gal. can for	2.75
Dritomic Sulphur for Peaches, 4 lb. Pkg., 65c; case 12 4-lb. bags, 48 lbs. for	5.00
Dritomic Sulphur for Apples, 4 lb. pkg., 65c; case 12 4-lb. bags, 48 lbs. for	5.00
Dry or Peach Mix, 12½ lb. bag, \$1.50; 100 lbs.	8.50
Dutox, 1 lb., 30c; 6 lbs., \$1.50; case 36 lbs.	9.00
Kayso Spreader, 10 lbs., \$2.00; 100 lbs.	17.00
Lime Sulphur Powdered, 12½ lb. bag, \$1.50; 100 lbs.	11.00
Lime Sulphur Solution, 5 gal. can, \$2.25; 10 gallons	4.00
Lime Sulphur Solution, 25 gallons, \$7.50; 50 gallons	11.00
Oil Emulsion, 5 gal. can, \$2.25; 10 gallons	4.00
Oil Emulsion, 25 gallons, \$7.50; 50 gallons	12.00
Magnesium Arsenate for Dusting 4 lb. pkg., 80c; case 12-4s	7.20
Magnesium Arsenate for Spraying 2 lb. bag, 60c; case 20-2s	5.00
Paris Green, 1 lb. box, 50c; 5 lb. box, \$1.90; 14 lb. kit	4.00
Paradichlorobenzene, 5 lb. can, \$1.75; 10 lb. can	3.00
Paradichlorobenzene, 25 lb. can, \$6.00; 100 lb. drum	20.00
Peach or Dry Mix with Arsenate Lead, 12½ lb. bag, \$1.50; 100 lbs.	8.50
Pyrox, 1 lb., 50c; 5 lbs., \$1.75; 10 lbs.	3.00
Scalecide, 1 gallon, \$1.40; 5 gallons, \$4.90; 10 gallons	8.50
Scalecide, 15 gallons, \$12.00; 50 gallons	26.50
Slug Shot, 1 lb., 25c; 5 lbs., 75c; 25 lbs.	3.25
Sulphur, Superfine, 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs.	4.00
Sulfocide, 1 gallon, \$2.25; 5 gallons	7.50
Tobacco Dust, 10 lbs., 60c; 25 lbs., \$1.25; 100 lbs.	3.95
Velvet Dust, 10 lbs., \$1.00; 100 lbs.	8.50
Volck, 1 qt., 80c; 1 gallon	2.50

ANT, FLY AND ROACH KILLERS

Catalogue Pages 70-71.	
Fly Tox, ½ Pt. bottle, 25c; 12 bottles	\$2.60
Knock Out Fly Spray, qt., 50c; gallon	1.50
Boyer's Fly Spray, qt., 40c; 2 qts., 60c; gallon	1.00
Gulf Venom, qt., 75c; gallon	2.50
Crowood Oil, 1 gallon, 90c; 2½ gallons, \$1.50; 5 gallons	2.50
Crowood Oil, 10 gallons	4.50
Red Star Insecticide, qt., 75c; 1 gallon	1.85
\$1000.00 Guaranteed Roach Killer, 3 sizes, 35c; 65c;	1.25
\$1000.00 Guaranteed Ant Bane, 2 sizes, 35c	.65
\$1000.00 Guaranteed Flea Killer	.50
\$1000.00 Guaranteed Bed Bug Killer, 2 sizes, 35c	.65

RAT AND MOUSE DESTROYERS

Catalogue Page 71.	
Cowley's Liquid Rat & Mouse Destroyer, bottle 50c; 6 bottles	2.50
Mouse Seed, gets all the mice, box, 25c; 5 boxes	1.00
Red Cross Rat & Mouse Embalmer, box, 25c; 50c	1.00
Zelio, Bayers, Certain death to all, tubes	.50
Extermarat, Non Poisonous, pkg., 25c; 5 pkgs.	1.00

SPRAY PUMPS

Catalogue Pages 55-56-57.	
Hudson No. 110 G Perfection Galv. Compressed Air Sprayer, each.	\$5.75
Hudson No. 140 G Junior Galv. Compressed Air Sprayer, Each	3.75
Hudson No. 125 Economy, 4 gal. Galv. Comp. Air	Each 3.75
Hudson No. 36S Sunshine Portable Sprayer	Each 12.00
Hudson No. 32SA Ideal Portable Sprayer	Each 18.00
Hudson No. 4SA Barrel Sprayer, less barrel	Each 11.50
Myers No. 2296 Galv. Comp. Air Sprayer, 2½ gallon	Each 3.75
Myers No. R 336B Portable Sprayer	Each 18.50
Myers No. R 305 B Barrel Sprayer, no barrel	Each 10.80
Myers No. R 318 B Barrel Sprayer, no barrel	Each 11.90
Myers No. R 330 Galv. Knapsack Sprayer	Each 7.75
Myers No. 325 Brass Bucket Sprayer	Each 2.90
Other sprayers described and priced on pages 55. 56 and 57 of this catalogue	

All prices on this Green Ink List are subject to market changes and are all f.o.b. Memphis, buyer paying express or freight charges. If wanted by parcel post be sure to send extra funds for postage. Customers wanting larger quantities than priced here, write us for special quotations.

NON-WARRANTY Russell-Heckle Seed Co. gives no warranty express or implied as to description, quality or productiveness of any seeds, bulbs or plants they send out and we will not be in any way responsible for the crop. If you are not satisfied with the seeds on arrival, return them and we will refund purchase price.

RUSSELL-HECKLE SEED CO.

Sales Dept. and Store
26 South Front St.

MEMPHIS, TENN.

Wholesale Warehouse
Linden Station

R.-H. CO.'S FROST-PROOF CABBAGE PLANTS

These plants are grown in the open field during the fall and winter months, which causes them to make a slow, tough, hardy growth—so hardy that the outer leaves turn to a reddish brown. They can be shipped to distant points without danger of spoiling, and should be planted in the open ground from four to five weeks earlier than frame plants.

Orders filled from January 15th to April 1st. We do not advise planting later than this time.

The market gardener who grows cabbages for shipment or the market must have extra early maturing crops if he wishes to obtain the highest prices.

Orders for plants will be shipped in about four or five days after they are received, if weather conditions permit. If plants do not arrive as soon as you expect them you may know that conditions beyond our control are causing the delay.



No plants shipped C. O. D. We will mail these plants at the postpaid prices named below to any address in the United States, except the far West or far North, or we will ship by express collect either from Memphis or from growing stations. All plants must be paid for in advance. Please do not ask us to break this very necessary rule.

No order filled for less than 100 of a variety.

VARIETIES AND PRICES: Jersey Wakefield, Charleston Large Wakefield, and Early Flat Dutch. Prices: Parcel post paid, 100, 35c; 500, \$1.20; 1,000, \$2.00. Not postpaid, by express, from Memphis, 100, 25c; 500, \$1.00; 1,000 \$1.50. Prices, F.O.B. growing station, express collect: 1,000, \$1.25; 5,000, \$4.50; 10,000, \$8.00. All prices on cabbage plants are subject to crop conditions and market changes.

R. H. CO.'S BERMUDA ONION PLANTS

Plants in rows about 15 inches apart and 3 to 4 inches in the rows. Set them out in February, March, or April.

Yellow or Straw Colored Bermuda Onion Plants

Prices, postpaid: 100, 20c; 500, 70c; 1,000, \$1.00; 6,000 plants, \$4.20. Prices not prepaid, from Memphis: 100, 10c; 500, 50c; 1,000, 80c; per crate, 6,000 plants, \$3.60.

Price, f.o.b. growing station per crate, 6,000 plants, \$3.00.

Crystal White Wax Bermuda Onion Plants

Prices, postpaid: 100, 20c; 500, 70c; 1,000, \$1.00; 6,000 plants, \$4.20. Not prepaid: 100, 10c; 500, 50c; 1,000, 80c; per crate 6,000 plants, \$3.60.

Price, f.o.b. growing station, per crate, 6,000 plants, \$3.00. Larger quantities at special prices. All prices on onion plants are subject to



crop conditions and market changes.

GATOR HIDE MULCH PAPER



Plant Under Gator Hide Mulch Paper This Year

Do away with the back-breaking labor of cultivating and weeding—make one acre produce what two or three did last year—get your crops to market early, while prices are highest. Mulch Paper frequently makes it possible to get two crops a season instead of one, and three crops where only two were possible before.

Unrolled over the proposed plant beds, and anchored by soil or other available material along the edges, Gator Hide Mulch Paper imprisons all the moisture in the soil. Its black surface catches and retains the sun's heat. This raises the soil's temperature, prevents cooling at night, and promotes continuous bacterial activity, liberating night and day nitrous food matter for the plant, producing bigger, better and earlier crops. Ask for descriptive pamphlet. Gator Hide Mulch Paper comes in rolls 18 inches and 36 inches wide, each 150 lineal yards (450 feet) long.

Type B—Heavy weight, for all purposes: Rolls 18 inches wide, 150 yards long, each \$3.00.

Rolls 36 inches wide, 150 yards long, each \$6.00 F.O.B. Memphis. Garden size package of Mulch Paper for the small places contains 45 feet of Grade B Paper.

Rolls 18 inches wide, 65c; mailed, 85c.

R. H. CO.'S GARDEN PLANTS

Beet Plants— Postpaid, 100, 40c; 500, \$1.50; 1,000, \$2.70. Not prepaid, 100, 30c; 500, \$1.25; 1,000, \$2.25.

Cauliflower Plants— Postpaid, 25, 35c; 100, \$1.00. Not prepaid, 25, 25c; 100, 80c; 1,000, \$6.

Celery Plants— Postpaid, 25, 25c; 100, 60c. Not prepaid, 25, 15c; 100, 50c; 500, \$2.00.

Eggplants— Postpaid, doz., 30c; 50, 65c; 100, \$1.00. Not prepaid, doz., 20c; 50, 50c; 100, 80c; 500, \$3.00; 1,000, \$5.00.

Lettuce Plants— Postpaid, 50, 25c; 100, 45c; 500, \$1.50. Not prepaid, 50, 15c; 100, 30c; 500, \$1.25; 1,000 \$2.25.

Pepper Plants— Postpaid, doz., 30c; 50, 65c; 100, \$1.00. Not prepaid, doz., 20c; 50, 50c; 100, 80c; 500, \$3.00; 1,000, \$5.00.

Tomato Plants—

HOTBED OR SEEDLING STOCK—Postpaid, doz., 20c; 50, 40c; 100, 60c; 500, \$2.00. Not prepaid, doz., 10c; 50, 25c; 100, 40c; 500, \$1.75; 1,000 \$2.50.

TRANSPLANTED, HOTBED GROWN—Postpaid, doz., 30c; 50, 65c; 100, \$1.00; 500, \$3.90. Not prepaid, doz., 20c; 50, 50c; 100, 75c; 500, \$3.50; 1,000, \$6.00.

Certified Sweet Potato Plants—

NANCY HALL and PORTO RICO. Postpaid, 500, \$1.50; 1,000, \$2.50. Not prepaid, 500, \$1.25; 1,000, \$2.00; 5,000, \$8.75, f. o. b. Memphis. Prices subject to market changes.

Germāco

Hotkaps



Hotkaps make your plants grow hardier and faster, enabling you to market earlier and get higher prices. Hotkaps are a scientifically-made wax paper cone which is placed over each plant.

Hotkaps protect against heavy rains and also guard against too much moisture. They also keep soil surface from crusting or becoming too dry. Growers have discovered that under normal conditions they can plant the seed directly in the field. They have found that such seedlings are sturdier and more resistant to disease and insects than transplanted plants. This means a big saving in hotbeds, coldframes and seed beds as well as transplanting expense. Hotkaps are thus valuable but they should more than pay for themselves by getting you first to market to command a better price for your crop.

Prices: 100 with Garden Setter, \$2.25. By mail, \$2.50
250 with Garden Setter, \$3.50. By mail, \$3.80.
1,000 Hotkaps without Setter, \$9.75.
5,000 Hotkaps without Setter, \$9.60 per 1,000.

Price steel Hotkap Setter, each \$2.25. By parcel post \$2.45.

Fibre Garden Setter alone, 40c. By mail, 50c.



ASPARAGUS SEED

CULTURE — Sow outdoors in February and March in 18-inch rows, dropping two seeds every 6 inches, cover seeds 1 inch. One ounce will sow 50 feet of row and produce two hundred plants.

Palmetto A very early maturing and prolific variety, producing an abundance of very large, deep green shoots of the best quality. Pkt. 5c; oz. 10c; ¼ lb. 35c; postpaid.

Mary Washington The New Giant Rust-proof Asparagus. It grows very large and being rust-proof makes it a very valuable variety for both home use and market. Pkt. 5c; oz. 15c; ¼ lb. 45c.

ASPARAGUS ROOTS

Mary Washington Asparagus Roots thrive best in soil exceptionally rich and mellow and supplied with a liberal amount of humus. A simple way to start the Asparagus bed is to plow furrows 7 inches deep and 3 to 4 feet apart, then set the plants in the trench, allowing 12 to 18 inches between them; spread the roots out well and cover with two inches of soil. After cultivation, gradually fill up the trench, eventually burying the crowns of the plants to a depth of 6 inches.

Prices: Strong 2-year roots, doz., 35c; 50 \$1.00; 100 \$1.70; postpaid. Not prepaid, doz. 25c; 50 75c; 100 \$1.25; 1,000 \$10.00.

WHAT AND WHEN TO PLANT

THE RIGHT TIME for sowing all seeds as we give them in the different months, should naturally be governed by the conditions of the weather and the soil.

JANUARY—Sow in hotbeds: Cabbage, Lettuce, Beets, Onion, Tomato and Cauliflower.

Sow outdoors the latter part of the month: Turnips, Mustard, Spinach, and English Peas.

FEBRUARY—Sow outdoors: Radish, Turnip, Mustard, Spinach, Onion Seed, and English Peas. Set out Onion Sets and Onion Plants. Sow Sweet Peas.

Sow in hotbeds: Cabbage, Beet, Tomato, Eggplant, Kohlrabi, Lettuce, and Pepper.

Set out frost-proof Cabbage Plants. Sow Lawn Grass. Sow Oats, Canada Field Peas, Red Top, Orchard Grass and Lawn Seed. Set out Grape Vines and Fruit Trees. Spray fruit trees now.

MARCH—This is the month to begin general garden operations. Sow outdoors: Cabbage, Lettuce, Carrot, Beets, Parsley, Parsnips, Leek, Onion Seeds, Salsify, Spinach, English Peas.

Plant Onion Sets and Irish Potatoes. Sow Sweet Peas. Plant Early Corn. Set frost-proof Cabbage Plants, Onion Plants, Cauliflower and Lettuce plants, Asparagus, Horseradish and Rhubarb roots.

Sow farm seeds: Clover, Grasses, Oats, Alfalfa, Lawn Grass, Rape, and Lespedeza.

Set out fruit trees of all kinds, Strawberry, Raspberry and Blackberry plants. Continue to spray trees.

APRIL—Sow now, out of doors, Beets, Bush, Pole Beans, Carrots, Cress, Celery, Cucumber, Endive, Leek, Lettuce, Mustard, Okra, Parsley, Parsnip, Kohl-Rabi, Herbs, Peas, Radish, Swiss Chard, Squash, Tomato, and Turnip. Set out Onion Sets; plant Potatoes and Corn. Set out Cabbage, Beet, Onion and Lettuce plants.

Sow all kinds of Flower Seeds and plant Spring Bulbs.

Sow Rape, Clovers, Alfalfa, Millet, Sorghum, Kaffir Corn, Lespedeza, Sudan, Orchard and Herd's Grass. Plant Cotton, Corn and Artichokes. Set out Blackberry, Raspberry and Strawberry plants.

Continue your spray work on Fruit Trees.

MAY—Plant Bush, Pole, Lima Beans, Beets, Cabbage, Carrot, Corn, Cucumber, Cantaloupe, Endive, Egg Plant, Lettuce, Mustard, Okra, Pepper, Parsley, Parsnips, Peas, Pumpkin, Squash, Swiss Chard, Spinach, Tomato.

Sow Flower Seeds of all kinds; also put out Flower Bulbs; set out Cabbage, Tomato, Pepper, Egg Plants and Sweet Potato slips. Sow Millet, Sorghum, Sudan, Bermuda Grass, Cow Peas, Chufas, Peanuts; plant Field Corn and Popcorn, Soy, Velvet Beans, Cotton, Kaffir Corn, Milo, Maize, Sagrain.

JUNE—As you get space in your garden, plant Corns, Cucumbers, Cantaloupes, Collards, Pumpkin, Okra, Squash, Watermelon, Swiss Chard, Salsify, Carrots, Savoy, Cabbage, and late Beets. Set out Tomato, Egg Plant, Pepper and Sweet Potato plants. Sow a later crop of Bush, Lima and Pole Beans. Sow Tomato seed to set out later for Fall crop.

In the field, sow Stock Peas, Soy Beans, Buckwheat, Broom Corn, Sorghum, Velvet Beans, Sudan, Bermuda Grass, Millet, Mexican June Corn and Sagrain.

JULY—Plant for late crops: Corn, Cucumbers, Carrots, Savoy Cabbage, Collards, Tomato Seed, Bush, Pole and Lima Beans, Okra, Squash, Pumpkin, Rutabaga and Turnips.

Sow in the field: Cow Peas, Millet, Sorghum, Soy Beans, Sagrain, Sudan Grass, Mexican June Corn, Buckwheat. Plant Potatoes for late crop.

AUGUST—Begin to plant now your Fall Garden. If weather is favorable, sow Turnips, Kale, Radish, Rutabagas, Collards, Mustard, Beet, Bush and Pole Beans, Lettuce, Cucumbers, Squash, plant Potatoes for late crop.

Sow Crimson, Burr Clover, Vetch and Rye. Millet sown this month will make a crop of Hay.

SEPTEMBER—Get busy on your Fall Garden. Sow Turnips, Rutabagas, Kale, Mustard, Swiss Chard, Spinach, Lettuce, Endive, Radish, Onion Seed. Set out Shallots and Onion Sets. Sow Crimson, Burr, Alfalfa, Red Clover, Grass Seeds, Vetch, Austrian Winter Peas, Rye, Barley, Winter Oats and Rape.

OCTOBER—Sow Spinach, Kale, Seven Top Turnips, Mustard. Set out Onion Sets, Shallot Buttons.

Sow Rye, Barley, Winter Oats, Wheat, Vetch, Austrian Winter Peas, Rape, Alfalfa, Red Clover, and all Grass Seeds, including Winter Lawn Grass Seed.

NOVEMBER—Set out Onion Sets and Shallots. Sow Winter Oats, Rye, Barley and Wheat, Winter Lawn and other Grass Seeds. Set out all kinds of Fruit Trees, Strawberry plants, Asparagus roots. Plant outside Hyacinths, Tulips, Crocus and Narcissus bulbs.

DECEMBER—Get your hotbed ready and sow Cabbage, Lettuce, Beet and Cauliflower seed for Spring use.

Continue to plant Dutch bulbs. Set out Fruit Trees and Shade Trees. Spray fruit trees and grape vines this month.

A SQUARE DEAL

A SQUARE DEAL is positively given every customer who purchases his seed from us, and on account of changing prices that are prevailing we will undertake to protect our customers by giving them every advantage possible.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

BUSH OR SNAP BEANS



CULTURE—These can be planted any time from April 1st to September 1st. Sow 3 inches apart in rows, and have the rows 2½ to 3 feet apart. One quart will sow 200 feet of row.

All of our Beans are carefully grown and will please the most critical market gardeners. It will also pay you to inoculate Beans with Nitragin or Humogerm and fertilize with sheep manure. Dust when in blossom with Slug Shot for Mexican Bean Beetles.

DWARF GREEN-PODDED VARIETIES

Burpee's Stringless Green-Pod This variety is a favorite with a large number of truckers and gardeners in the South, and is also grown for canning purposes. The pods are medium green, five to six inches long, cylindrical, and are quite fleshy and remain crisp and tender for some time. This variety is very productive, and the pods are absolutely stringless. This variety is ready for picking in 42 days after planting. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 50c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c.

Black Valentine Suited for both early and late planting. This variety is ready for table use in about 42 days from the time of planting. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lb. 50c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c.

Bountiful This is a variety that is exceedingly popular, especially with commercial truckers along the gulf coast. The pods are green in color and are of large size; thick, broad, flat, extra long, very uniform in shape, solid, meaty and of high quality. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lb. 55c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.

Refugee—or 1000 to One The most vigorous in growth of all Garden Green Podded Bush Beans. Foliage, small, smooth, light green. Pods round, slightly, curved, about 5¼ inches long. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 55c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.



Burpee's Stringless Bush Beans

Giant Stringless Green-Pod This is a very desirable green-podded variety for the home garden and also for truckers. The handsome round pods are six to seven inches long, dark green in color, brittle and perfectly stringless. This variety has achieved much popularity in Southern states, where it is grown on a large commercial scale for shipment to Northern markets. It is ready for picking in 44 days after planting. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 50c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c.

Improved Red Valentine

This is another variety that is planted largely by truckers and gardeners. The pods are of medium length, about five inches long, medium green color, curved, cylindrical and very crisp and tender. This variety is ready for picking in 44 days after planting. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 50c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 40c.

Tennessee Green-Pod —

This is a very hardy bean and a good yielder of large, very flat pods, six to seven inches long, dark green color and excellent flavor. This variety is planted very extensively in the South, and bears edible pods in about 43 days. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 55c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.

TO CONTROL MEXICAN BEAN BEETLE

Spray plants with Magnesium Arsenate 2 lb. package makes 100 gallons, 60c. Not available.

DWARF WAX-POD OR YELLOW VARIETIES

Currie's Rust-Proof Wax Pods light yellow, similar in shape to Golden Wax. Five and one-half to six inches. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

Davis White Kidney Wax This is a well known market sort. The pods are long, about six inches, sometimes longer. They are handsome, light yellow, straight, and when young are crisp and tender. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

Improved Golden Wax This is probably one of the most popular of the wax variety. Pods are from four to five inches long. Edible in about 42 days after planting. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

Pencil Pod Wax Very early and productive, pods large and round, five to six inches long, strictly stringless, very brittle and of excellent quality. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

Sure Crop Wax A recent introduction similar to Currie's Rust-Proof. Pods are longer, thicker through and entirely stringless. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 30c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

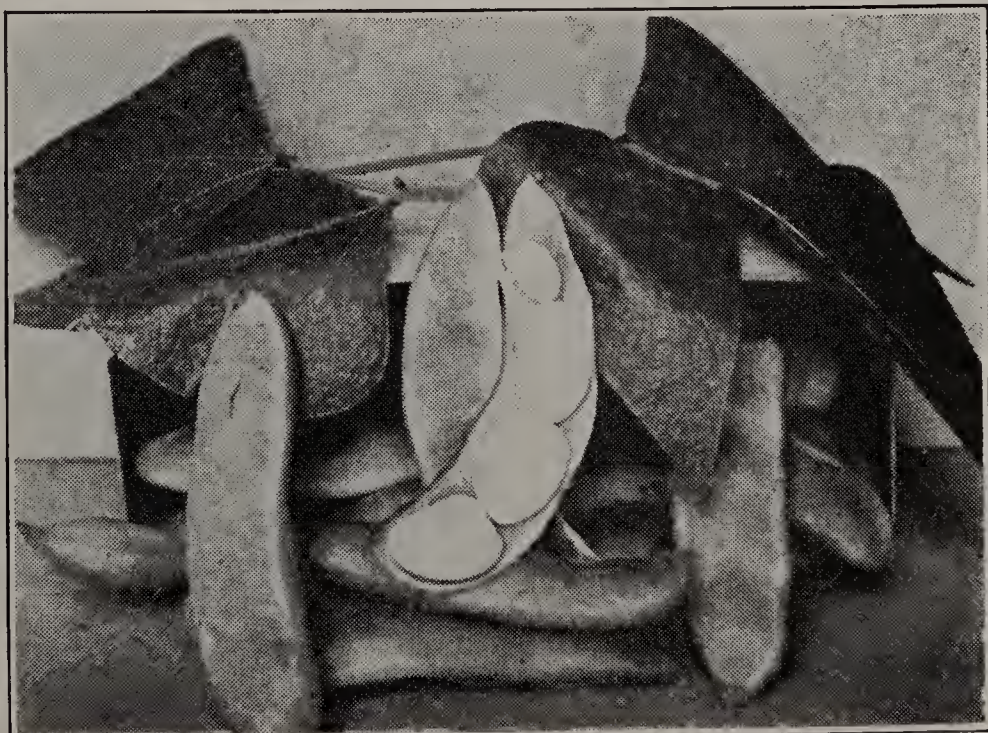
Webber Wax Of recent introduction, very early and productive. The plants are strong-growing and bear this pods well up from the ground, which are of a rich golden color, tender, brittle and absolutely stringless. Postpaid, packet, 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 65c. Not prepaid, ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

BUSH-LIMA BEANS

CULTURE—Plant in May in light rich soil, in drills two feet apart, dropping the seed about one foot apart in the row, and cover two inches. One quart will plant 200 feet of drill.

Burpee's Improved Bush Lima Plants make perfect bushes from 18 inches to 2 feet high. Pods are large and contain beans of the best quality. Postpaid, packet, 10c; ½ lb. 25c; 1 lb. 45c; 2 lbs. 70c. Not prepaid, ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c.

Henderson's Bush Lima Valuable on account of its earliness and productivity. Pods short, flat, with three small beans of delicious quality. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 55c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.



Never Fail Bush Limas

Fordhook Bush Lima

Handsome large pods and beans. Postpaid, packet, 15c; ½ lb. 30c; 1 lb. 50c; 2 lbs. 85c. Not prepaid, ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c.

Never Fail Bush Lima Beans

This is the most productive of the Bush Limas. It is of true bush form, about 2 feet high, bearing in greatest profusion, broad, flat pods, each having from three to five medium-sized, handsomely speckled beans. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

Woods Prolific Bush Lima

Same as Henderson Bush, but pods and beans slightly larger. Very prolific. Postpaid, packet, 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 65c. Not prepaid, ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

POLE OR RUNNING BEANS



Kentucky Wonder Pole Beans

prolific, pods averaging two feet or more in length. Palatable for snap shorts, boiling, baking, soup, etc. Vines run 10 ft. or more. Postpaid, packet, 15c; ½ lb. 30c; 1 lb. 50c; 2 lbs. 85c. Not prepaid, ½ lb. 25c; 1 lb. 40c; 2 lbs. 75c.



CULTURE—Plant in May and June in rows four feet each way; five in a hill. Pole beans can be planted as late as August 1st and they will bear a good crop. They can be planted in corn as well as with poles. One quart will plant about 200 hills. One peck will plant an acre.

Kentucky Wonder or Old Homestead It is almost needless to say anything about this great Pole Bean, for who has not grown it? It bears in 65 days from planting; should be kept picked, so that it will continue bearing until frost. The beans are 6 to 12 inches long, tender and rich. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

Kentucky Wonder Wax Pods are beautiful golden yellow, stringless and about six to seven inches long. Very tender and productive. Bears quite early. Postpaid, packet, 10c; ½ lb. 25c; 1 lb. 40c; 2 lb. 65c. Not prepaid, ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

McCaslan Pole Bean Pods average 8 to 10 inches in length, are flat, slightly curved and of a rich green color. Makes an excellent snap bean, and the white-shelled beans are unsurpassed for winter use. Postpaid, packet, 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 65c. Not prepaid, ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

Red Speckled Cut Short Plant in corn or on poles. It is hardy, late and is a heavy yielder. Postpaid, packet, 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 60c. Not prepaid, ½ lb. 20c; 1 lb. 30c; 2 lbs. 50c.

Scotia or Striped Cornfield This is the real Cornfield Bean that you have read so much about. If you want a bean to plant in your corn, this is your one choice. It will produce the kind of results that you'll expect. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

Southern White Creaseback Especially valuable on account of its earliness. Can be planted in corn. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 55c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 45c.

Tennessee Wonder Long, round pods; excellent for snaps as well as for dry shell beans. Postpaid, packet, 15c; ½ lb. 30c; 1 lb. 45c; 2 lbs. 70c. Not prepaid, ½ lb. 25c; 1 lb. 35c; 2 lbs. 60c.

White Seeded Kentucky Wonder The pods are large and in the "snap" stage are deep green in color, meaty, stringless and of the finest flavor. Postpaid, packet, 10c; ½ lb. 25c; 1 lb. 40c; 2 lb. 60c. Not prepaid, ½ lb. 20c; 1 lb. 30c; 2 lbs. 50c.

Yard Long Asparagus Beans Hardy and easily grown; early and

POLE BUTTER AND LIMA BEANS



CULTURE—Plant in hills three to four feet apart each way, and two inches deep, allowing six seeds to each hill. When the plants are well established they should be thinned out to four. They are more sensitive to cold than Bush Beans and should not be planted before May.

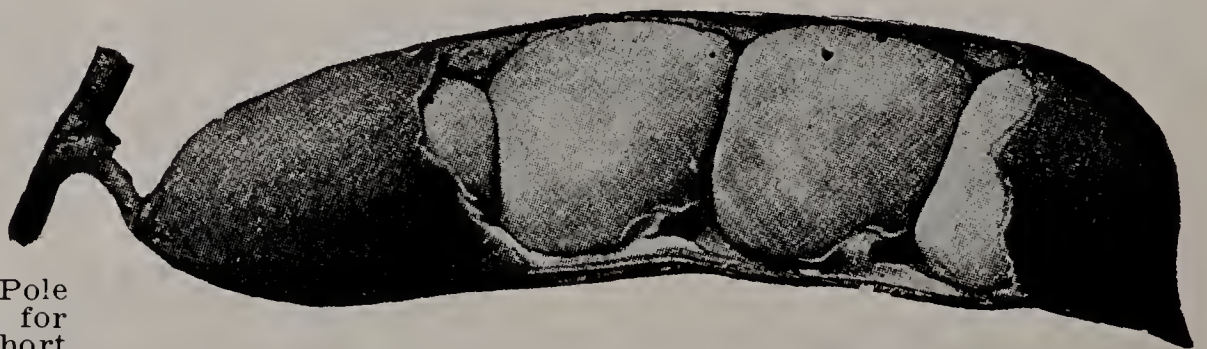
They can be planted as late as July 15th.

Carolina or Sieva This reliable small seeded Pole Lima is especially adapted for planting in the South. The vines are vigorous, with many short branches. The pods are dark, green, short, about three inches, curved, flat. Seed small, flat, white with slight tinge of yellow. It is the most generally known Butter Bean of the South. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

Willow Leaf Pole Butter Heavy producing, on account of its open and narrow foliage, which resembles a willow tree leaf. Beans, medium to small, pure white and of fine quality. Postpaid, Pkt. 15c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 65c. Not prepaid, ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

Florida or Speckled Calico Butter The best variety for bearing the whole season. It will make an abundant crop when others fail. Seeds of the Carolina or Sieva Lima size but are speckled white and brownish red. Postpaid, packet, 10c; ½ lb. 20c; 1 lb. 35c; 2 lbs. 60c. Not prepaid, ½ lb. 15c; 1 lb. 25c; 2 lbs. 50c.

Large White Lima Vine tall, growing vigorous pods borne in clusters; are broad, very thin, dark green; seed large, flat, greenish-white. Postpaid, packet, 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 65c. Not prepaid, ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.



King of The Garden Lima Pole Bean

King of the Garden Lima The pods are medium dark green, very large, five to six inches long, broad, flat, filled with four or five very large white beans of finest quality. Postpaid, packet, 10c; ½ lb. 25c; 1 lb. 40c; 2 lbs. 65c. Not prepaid, ½ lb. 20c; 1 lb. 30c; 2 lbs. 55c.

Shell and Soup Beans

These are grown to use as dried beans during the winter. Plant in May and June, using 15 to 20 pounds to the acre. Plant in 4-foot rows and cultivate well. One pound drills 150 to 200 feet of row.

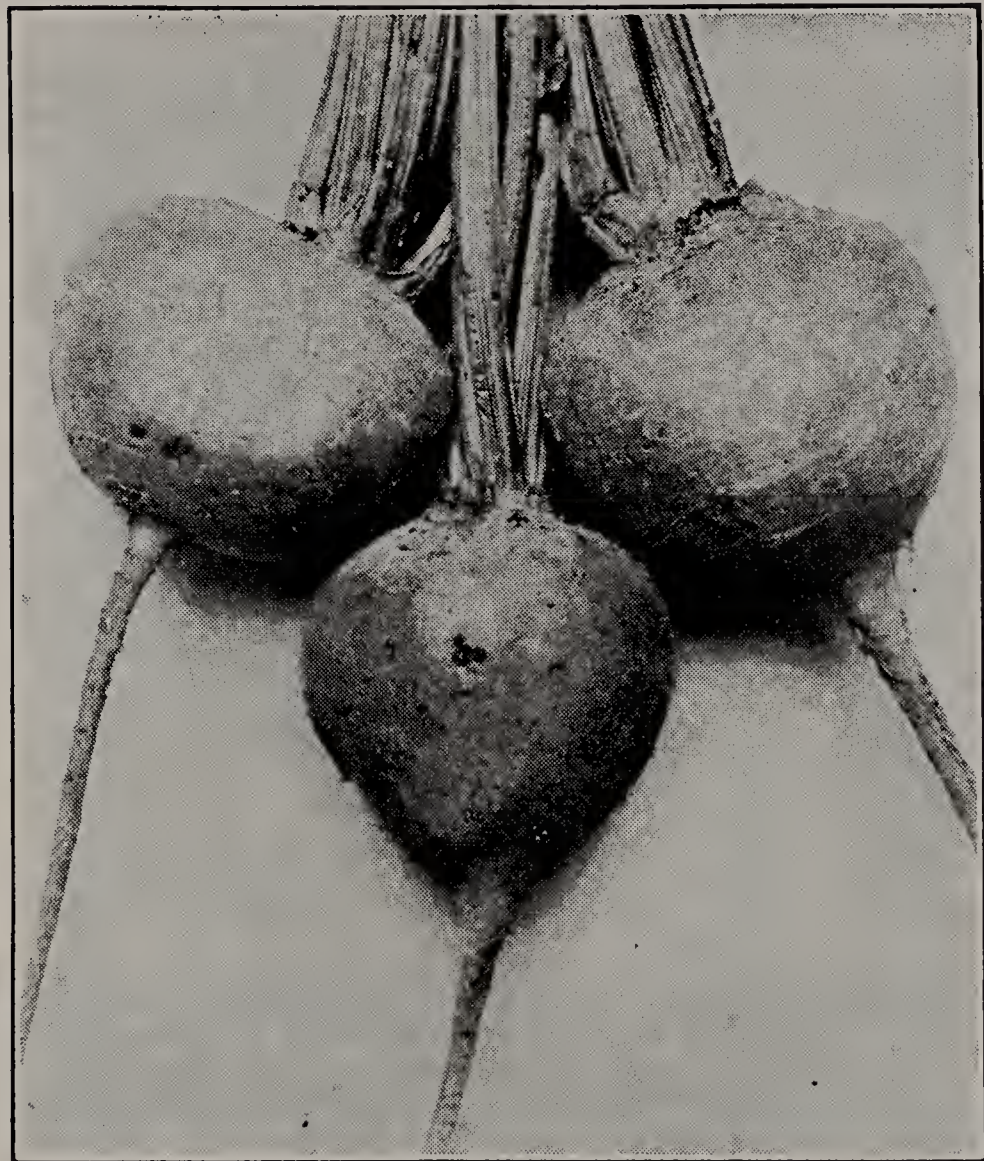
White Navy Beans An improvement over the popular small white baking beans. One of the grandest beans for farm crop. Price, 1 lb. 25c; postpaid.

Great Northern Beans Well suited to heavy soils. Beans slightly larger than the Navy Bean; snow white and of splendid cooking quality. Price, 1 lb. 25c; postpaid.

Red Kidney Beans The good old-fashioned cooking bean. Large size and of good flavor. Price, 1 lb. 30c; postpaid.

GARDEN BEETS

CULTURE—For very early crop, sow in hotbeds in January and February and transplant. Sow outside in drills from March to July, as desired, for medium, early or late crop. Drills two or three feet apart. Use a light, clean, free, deep soil. One ounce will sow 50 feet of drill.



R.-H. Co.'s Early Wonder Beet

R.-H. Co.'s Early Wonder The first beet on the market where it will command fancy prices; most perfect in shape and a beautiful red color. Superior to Crosby's Egyptian and one week earlier. R.-H. Co.'s Early Wonder Beet is the result of years of selection and the improving resulting, we believe, in the earliest and most handsome globe-shaped beet on the market. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 55c; 5 lbs. \$2.25; postpaid.

BEET PLANTS

Crosby's Egyptian Ready about March 1st. Prices: Parcel post paid, 100 40c; 500 \$1.50; 1,000 \$2.70. By express, not prepaid, 100 30c; 500 \$1.25; 1,000 \$2.25.



Detroit Dark Red Turnip Beet

Crosby's Early Egyptian Beet Improved strain of the famous Early Egyptian, but producing a deeper or thicker root; of fine form, extremely early, deep red in color, almost black; flesh sweet, smooth, tender and of exceptionally fine quality; can be depended on for best results when grown either in the garden or under glass; highly recommended as an early market variety. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 55c; 5 lbs. \$2.25; postpaid.

Detroit Dark Red Beet This splendid second early variety we highly recommend for market and private gardens. Roots globular, very smooth, with short tops; skin blood-red; flesh dark blood-red, sweet, tender and delicious. The tops are small and upright in growth. Fine for market bunching. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 55c; 5 lbs. \$2.25; postpaid.

Early Blood Turnip It is distinctly a beet that will please you. A beet that has the approval of the most discriminating gardeners everywhere. The roots are medium sized, round, or dark-red color and fine flavor. Matures in about 45 days. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.00; postpaid.

Edmand's Early Blood Turnip A handsome, clean, turnip-shaped Blood Beet. Skin and flesh are of a deep blood-red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown close together. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.25; postpaid.

Eclipse Blood Turnip An early beet especially desirable for the home garden and used for bunching. The tops are small. The roots are bright deep red, smooth, round or slightly top-shaped, with a small tap and small collar. The flesh is bright red, zoned with pinkish-white, very sweet, crisp and tender. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.25; postpaid.

Long Smooth Blood A standard late variety, keeping well through the winter. The root is long, and skin smooth. Flesh very dark red, sweet and tender. The roots are thick-shouldered, grow largely under ground, are, when mature, about 2 inches in diameter and 10 inches long. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 55c; postpaid.

R.-H. Co.'s Ideal A most desirable beet for the market and home garden, and on account of its uniformly deep rich color the most desirable for canning. The tops are small and upright in growth. The leaves are dark green, shaded with red. The roots are medium sized, globular or nearly round, very smooth and of dark blood-red color. The flesh is deep vermillion red, zoned with a lighter shade of the same color. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 60c; postpaid.

STOCK BEETS OR MANGLES

CULTURE—Deep soil produces the largest crops. Sow in rows 18 inches to 2 feet apart, 1 inch deep, and when the plants are 3 to 4 inches high they should be thinned out 6 or 8 inches apart. Transplant when the ground is moist, pinch off the leaves about 2 inches above the root, and set the plants into the soil up to the crown. Mangles make excellent feed for stock of all kinds.

Giant Half Sugar Mangel Desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts, but also having higher nutritive value, being especially rich in sugar. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 40c; postpaid.

Golden Tankard Mangel Yields enormous crops; very rich in sugar; skin and flesh deep orange-yellow; oblong in shape. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 40c; postpaid.

Mammoth Long Red Mangel Grows to an enormous size in deep, rich soil; is an excellent keeper. Various reports from our customers who have grown it show yields of 1,400 to 2,000 bushels per acre. Close-grained, tender flesh of rich flavor. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 40c; postpaid.

BROCCOLI

Similar to Cauliflower and is prepared for the table in the same way. The seed should be sown and cared for in the same way as cabbage or cauliflower.

Green Sprouting The Italian Strain. An all seasons variety that comes into use about ninety days after planting. If started in hot bed April first, will be ready for use the first week in July. It is much less susceptible to weather changes than cauliflower and will produce heads in hot weather which would cause failure in cauliflower. Pkt. 10c; ½ oz. 20c; oz. 35c; postpaid.

BRUSSELS SPROUTS

An erect growing plant whose stalk is closely covered with light green buds resembling small cabbages, which should be cooked in the same manner as cabbage or cauliflower. Seed may be sown early in May; later the plants may be set about 2 feet apart and cultivated like cabbage. Pkt. 10c; oz. 25c; ¼ lb. 70c; postpaid.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

CABBAGE

CULTURE—Cabbage is a very gross feeder, and well repays heavy manuring and high culture. It succeeds best on well-drained soil. The plants are started in frame or seed bed, and afterwards transplanted. Seed for early cabbages may be started in autumn in a cold frame, or in early spring in a hotbed. For main crop, summer and autumn cabbage, the seed should be sown in a rich border in the open air, in May or June. Sow shallow; a packet will produce about 250 plants; an ounce 2,000 plants; ¼ pound for an acre. Set plants 1½ by 3 feet apart.

All Seasons One of the largest and a thoroughly satisfactory second earliest. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.25; postpaid.

Copenhagen Market One of the earliest round head or flat cabbages. Almost as quick maturing as Charleston Wakefield. Pkt. 5c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.50; postpaid.

Danish Ball Head A medium-sized, very solid heading sort, which will remain in good condition longer than most varieties. Plant compact and very hardy. Pkt. 5c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.75; parcel post paid.

Early Summer Solid round head; comes in just after Wakefield; pkt. 5c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.20; postpaid.

Early Jersey Wakefield In size, medium; in shape, pyramidal with pointed peak. Its uncommonly fine heading qualities, together with its fitness for wintering in cold frames, pleases the most critical gardeners. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.25; postpaid.

Charleston or Large Wakefield The one big advantage of Charleston is the greater size, where large-sized cabbage are wanted either for market or private use. It is fully one-third larger than the Jersey Wakefield and therefore more popular. Heads are solid, pointed and is a heavy yielder. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.25; postpaid.

R.-H. Co.'s Early Peerless

An extremely early variety, maturing ahead of Golden Acre. Especially recommended for the market grower and shipper. The heads are round, solid and of excellent quality. The plants are compact, with few outer leaves. The leaves are thick and smooth and of medium light green color. Our strain of this variety is of superior quality in earliness and uniformity of size, shape and time of maturity. Pkt. 10c; oz. 75c; ¼ lb. \$1.50; 1 lb. \$4.75; postpaid.

Mammoth Red Rock

The largest and hardest heading red cabbage in cultivation; very uniform in size, weight, solidity and deep red color. Pkt. 10c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.75; postpaid.

Frost-Proof Cabbage Plants

Frost-Proof Cabbage Plants should be set out 4 to 6 weeks earlier than home-grown plants. They will mature fine hard heads three weeks before hotbed plants.

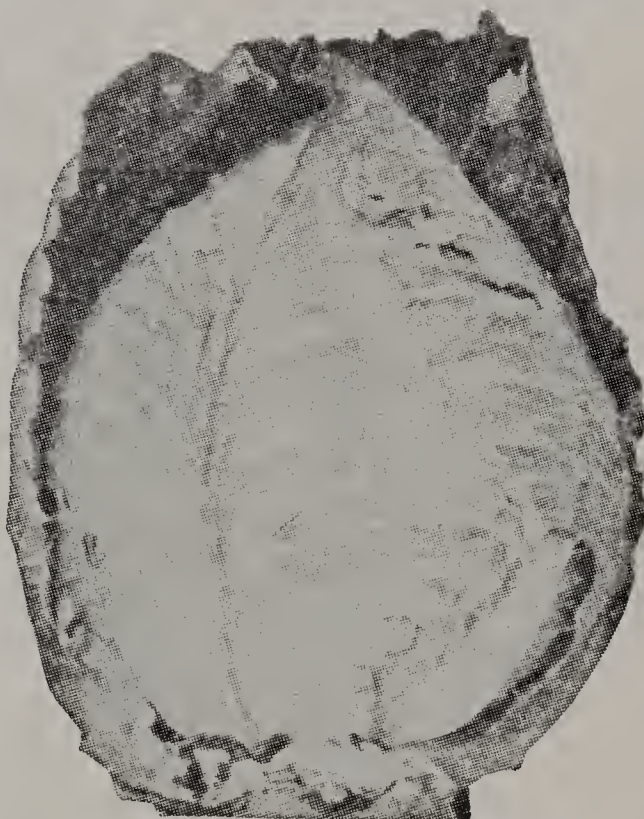
Varieties: Jersey Wakefield, Charleston Large Wakefield, and Early Flat Dutch.

No order filled for less than 100 of a variety. We do not ship any plants C.O.D. Our terms are cash with order.

Prices: Parcel post paid, 100, 35c; 500 \$1.20; 1,000 \$2.00.

Not prepaid by express, from Memphis, 500, \$1.00; 1,000 \$1.50.

Prices F.O.B. growing station, express collect: 1,000 \$1.25; 5,000, \$4.50; 10,000, \$8.00. Subject to crop conditions.



Charleston or Large Wakefield Cabbage

Early Flat Dutch It is a large cropper and a dependable header. Belongs to the second earliest. Matures in about 110 days. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.25; postpaid.

Early Drumhead One of the best second early varieties; large, deep heads; solid. Pkt. 5c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.20; postpaid.

Large Late Drumhead Rounder than Flat Dutch; good, large heads. Pkt. 5c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.20; postpaid.

Large Late Flat Dutch Sure header, producing large, solid heads, flat on top, of low growing habit. Pkt. 5c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.20; postpaid.

Large Drumhead Savoy The best and largest heading of the Savoy. Few people seem to know the delicious flavor of Savoy Cabbage. It is far superior to the flat-leaved sorts, and as tender as cauliflower after frost. Pkt. 5c; oz. 25c; ¼ lb. 50c; 1 lb. \$1.25; postpaid.

New Golden Acre A very fine new cabbage from Denmark. Golden Acre produces heads a week to ten days ahead of Copenhagen Market. The head is of medium size, quite round, and is surrounded by a few small outer leaves. Price Genuine Long Island Grown Seed: Pkt. 5c; oz. 25c; ¼ lb. 60c; 1 lb. \$2.00; postpaid.



All Season Cabbage

Succession

A splendid sort, whether grown for medium early, midsummer or the late crop, and keeps well for winter use. Heads deep and solid, slightly flattened and of the finest quality. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.25; postpaid.

R.-H. Co.'s Eureka

This valuable variety is as early as Large Wakefield, produces fine solid, flat heads in 75 to 80 days from sowing the seed. Pkt. 10c; oz. 60c; ¼ lb. \$1.25; 1 lb. \$4.25; postpaid.

Pe-tsai (Chinese or Celery Cabbage)

Has a mild cabbage flavor, very delicate and very fine salad. The hearts blanch to a crystalline white; whiter than lettuce and more beautiful than cabbage. The culture is the same as for cabbage.

The seed should be sown in March and April also in August to September, half inch deep in the row and rows about 24 inches apart. When the plant has grown up to 5 or 6 inches in height, thin to 10 inches apart. Pkt. 5c; oz. 25c; ¼ lb. 50c; 1 lb. \$1.25; postpaid.

RED ARROW SPRAY

A new discovery. Kills without burning. Non-poisonous. Effective against lice on turnip greens, cabbage, etc., leaf hoppers and worms that bother cantaloupes, cucumbers, tomatoes, etc. 1 oz. bottle 35c; mailed 40c.

CARROTS

CULTURE—Sow from February to September in light, deep, rich soil in drills 12 inches apart; plants should stand five inches apart in the rows; fertilize well. One ounce of seed to 100 feet of drill; four pounds to the acre.



Half Long Scarlet or Chantenay

Danver's Half

Long Rich, light orange colored, good quality. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.00; postpaid.

Early Scarlet

Horn Very early, rather blunt-rooted; color orange-red. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 75c; postpaid.

Oxheart

A short, chunky, early variety as thick through as it is long. Especially adapted for hard, stiff soil where longer varieties would not thrive. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 95c; postpaid.

Improved Long Orange Long and tapering; deep orange. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c; postpaid.

Half-Long Scarlet or Chantenay One of the best for home or market. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.00; postpaid.

R.-H. Co.'s Coreless This variety is especially recommended for market gardeners. One of the tenderest and finest table carrots, very sweet and juicy. Pkt. 10c; oz. 20c; ¼ lb. 40c; 1 lb. \$1.20; postpaid.

Yellow Belgian Similar to White Belgian, but of a pale orange color. The flesh is light orange. The roots are produced entirely under ground. A productive and nutritious stock-feeding carrot. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; postpaid.

CAULIFLOWER



Early Snowball Cauliflower

CULTURE — Cultivate like cabbage. Sow in January or February for early crop; May or June for late. Transplant to rich, moist soil; manure heavily and water freely. When heading begins, fasten leaves over top of head to whiten. One ounce of seed makes, 2,000 plants.

Dry Weather

Adapted for growing in dry locations when other varieties fail. It produces large, solid heads. Pkt. 10c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.25; postpaid.

Early Snowball

An extra early variety. A sure header; large, solid, perfectly white and good quality. Pkt. 10c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$3.50; postpaid.

CAULIFLOWER PLANTS

EARLY SNOWBALL—Ready about March 10th. Postpaid, 25, 35c; 100, \$1.00. Not prepaid, 25, 25c; 100, 80c.

CHICORY

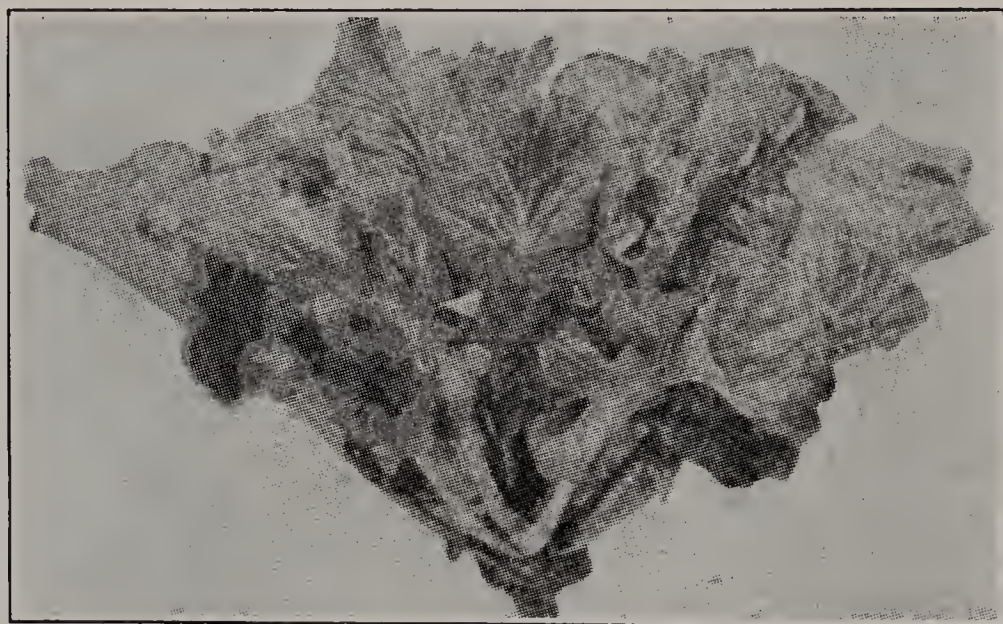
Sow in April and transplant in trenches 1 foot deep. Valuable as a salad as well as a vegetable.

Magdeburg Used for the roots. Cut in slices and dried makes substitute for coffee. Pkt. 10c; oz. 25c; ¼ lb. 50c; postpaid.

Witloof Used for the top. Also called French Endive. Pkt. 10c; oz. 25c; ¼ lb. 75c; postpaid.

COLLARDS

CULTURE—One ounce of seed will produce about 2,000 plants. Sow in spring or summer. Use same methods as for Cabbage; either sow in seed beds or in the row where desired to stand. If sown in rows, thin out as desired.



Georgia White Cabbage Collard

Georgia White Cabbage Called Cabbage Collard, on account of its close, bunching growth. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; postpaid.

Southern, or Georgia This variety is the old-time variety, and is by far the best; stands most any conditions, being very hardy. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; postpaid.

CELERY

CULTURE—Sow in beds in February or March and keep well watered. Transplant to moist, mucky soil; six inches apart in 12-inch rows. Earth up two or three times. Cover with straw from severe weather, with boards on top. One ounce of seed produces 2,000 plants.

Giant Pascal Bleaches very quickly after earthing up and is a beautiful yellowish-white color; very solid and crisp, and of a sweet flavor. Pkt. 5c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.75; postpaid.

Golden Self-Blanching Early, large, crisp, solid, good flavor. Pkt. 5c; oz. 35c; ¼ lb. 75c; 1 lb. \$2.50; postpaid.

Henderson's White Plume One of the best for early use; good quality; blanches easily. Pkt. 5c; oz. 25c; ¼ lb. 50c; 1 lb. \$1.75; postpaid.

Celeriac Turnip-rooted celery. The roots are excellent for soups and stews. Also cooked and sliced as a salad. Pkt. 5c; oz. 25c; ¼ lb. 60c; 1 lb. \$1.50; postpaid.

CELERY PLANTS

Varieties: **Giant Pascal**; **Henderson's White Plume**. Ready about April 1st. Price, postpaid, 25, 25c; 100, 60c. Not prepaid, 25, 15c; 100, 50c.

CORN SALAD OR FETTICUS

One ounce will sow about 18 square feet. Sow in September or October. Large, round-leaved. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.25; postpaid.

Cress, or Pepper Grass One ounce will sow about 15 square feet. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 90c; postpaid.

DANDELION

One ounce will sow 100 feet of row

Use a clean, warm, rich soil. Sow in early spring in rows 18 inches apart, covering firmly with ½ inch of fine soil. When plants are well developed, thin or transplant to 10 or 12 inches apart. Leaves will be fit to cut the following spring. Leaves are best when blanched. Blanching may be done by covering with leaves or loose litter, or by boarding them over. The leaves are used as salad or as boiled greens, the roots as a substitute for coffee. Pkt. 10c; oz. 40c.

DILL

Dill Mammoth Used for seasoning. It possesses medicinal properties, but its largest use is for making Dill Pickles. Plant branching, 2 to 3 feet high; leaves very much cut into thread-like segments. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 90c.

CHIVES

A hardy perennial. Sow seed in March or April, thinly in 2-foot rows. Grows quickly, but will not give much of a cutting until the second year. Chives are commonly called Schnittlauch, are used for seasoning and with cottage cheese. Pkt. 10c; oz. 60c.

GARDEN AND SWEET CORN

CULTURE—For early market, plant the garden varieties latter part of March. Sugar Corn should not be planted until April, then at intervals of two weeks for a succession. Sugar and Garden Corns planted in July will mature late roasting ears. Plant 4 to 8 quarts to the acre. Treat seeds with Semesan, Jr.

Borden's Wonder Bantam

Sweet Corn A selection from Golden Bantam, being larger and superior in every way. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 50c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.

Country Gentleman

Small c o b; long, slender, white grains, which are very sweet. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 55c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 45c.

Extra Early Adams

Not a Sugar Corn, but is grown for early use. Ears short. Postpaid, pkt. 10c; ½ pt. 15c; pt. 30c; qt. 40c. Not prepaid, ½ pt. 10c; pt. 20c; qt. 30c.

Early Large Adams

About a week later than Extra Early; has larger ears. Postpaid, pkt. 10c; ½ pt. 15c; pt. 30c; qt. 40c. Not prepaid, ½ pt. 10c; pt. 20c; qt. 30c.

Improved Large Adams

A fine variety, slightly larger than Early Adams. One week later. Postpaid, pkt. 10c; ½ pt. 15c; pt. 30c; qt. 45c. Not prepaid, ½ pt. 10c; pt. 20c; qt. 35c.

Elam's Early Market

This corn is positively one of the earliest of the very large-eared Garden Corns; ears measure 10 to 12 inches. It matures in about 65 days. In color the ears are pure white; very tender and palatable. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 45c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 35c.

Golden Sunshine

Of the Golden Bantam type, growing from 5 to 5½ feet high and producing ears 7 to 8 inches long, with sweet, luscious yellow grains; matures 3 to 4 days later than Golden Bantam. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 50c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.



R.-H. Co.'s Beats All Sugar Corn

Golden Bantam

Extra early, sweet, tender and delicious. The stalks grow to a height of four feet, and can be planted close together in the row. They bear two or three good small ears to the stalk. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 45c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 35c.

Howling Mob

One of the finest second early, large-eared sorts; ears 7 to 8 inches long. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 45c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 35c.

Mammoth Sugar

The Mammoth ears are thick through, with many rows of large grains of excellent quality. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 45c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 35c.

Stowell's Evergreen

The standard and best known Sweet Corn. Ears 8 to 9 inches long, 16 to 18-rowed, with deep, sweet grain. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 45c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 35c.

Early Snow Flake

Large size, very early; a fine corn for early roasting ears; also makes an excellent field variety, as it matures in 80 to 85 days. Postpaid, pkt. 10c; ½ pt. 15c; pt. 25c; qt. 35c. Not prepaid, ½ pt. 10c; pt. 15c; qt. 25c.

Trucker's Favorite

For a second early corn to follow Adams Early, or for late planting to mature early, this is a good sort. Postpaid, pkt. 10c; ½ pt. 15c; pt. 25c; qt. 35c. Not prepaid, ½ pt. 10c; pt. 15c; qt. 25c.

5 PACKETS OF FLOWER SEED FREE

With any order to the value of \$1.00 or more at catalogue prices, we will send you FREE 5 packets of Flower Seeds, 5c size, your selection, or we will select them for you. Please state if you want the free Flower Seeds.

R.-H. CO.'S BEATS ALL SUGAR CORN

Undoubtedly the largest eared Early Sugar Corn in existence, the ears average 7 to 9 inches long, with 12 to 14 rows of the large sweet kernels. Stalk grows 6 to 7 feet tall, and each stalk will produce two good size ears. Every gardener should find space for this sugary, large size, early, sweet corn. Makes roasting ears of quality in about 70 days. Packet, 15c; ½ pt. 25c; pt. 40c; qt. 60c; postpaid. Not prepaid, ½ pt. 20c; pt. 30c; qt. 50c.

R.-H. Co.'s Early Surprise

A splendid corn, coming in directly after Adams Early, but much larger. Has a white, soft grain. Postpaid, pkt. 10c; ½ pt. 15c; pt. 25c; qt. 35c. Not prepaid, ½ pt. 10c; pt. 15c; qt. 25c.

Whippell's Early Yellow

An extra early yellow Sugar Corn. Larger than Golden Bantam. Stalks grow 5 to 6 feet, and many produce two large ears. Kernels bright yellow, tender, sweet and finest quality. Whippell's Early Yellow Sugar Corn is ready for the table in about seven weeks. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 50c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.

FREE GARDEN TOOLS

With any cash order to value of \$2.00 or more, we will send you FREE either one good Hand Garden Trowel or a Hand Garden Weeder. Which one do you prefer?

R.-H. CO.'S POPCORN

AUSTRALIAN DYNAMITE POPCORN—A new variety, seed considerably larger than other sorts, but oh, my, how it does pop. A dozen grains when popped will fill a teacup; one grain popped is as large as a quarter of a dollar, and it's also of fine eating quality. Pkt. 10c; ½ lb. 20c; 1 lb. 35c; postpaid. Not prepaid, ½ lb. 15c; 1 lb. 25c.

JAPANESE RICE—Also called Little Buster. Popping qualities unexcelled; quality corn and tender. Pkt. 10c; ½ lb. 20c; 1 lb. 35c; postpaid. Not prepaid, ½ lb. 15c; 1 lb. 25c.

WHITE RICE—Very easily popped, tender and white. Pkt. 10c; ½ lb. 15c; 1 lb. 25c; postpaid. Not prepaid, ½ lb. 10c; 1 lb. 15c.

Treat Garden Corn With Semesan Jr.

Permits earlier planting, gives better germination, better stands, therefore larger yields.

Apply dry to the seed; no special equipment is needed for this new seed treatment. Costs less than 7c an acre, guaranteed; increases the yield from 10 to 12 per cent. If it doesn't your money will be refunded.

Four-ounce pkg. 40c; 1 lb. pkg. \$1.50; 5 lbs. \$7.00; not mailable.

CUCUMBERS

CULTURE—For very early crop, plant in hotbeds; for later crop, plant from April to July in rich well-manured hills, 4 feet apart, 10 seeds in hill; thin to two or three plants. One ounce to 50 hills.

Black Diamond An extra early variety; small fruit, 7 to 9 inches long, round in shape. Color a beautiful dark green from end to end, which is retained longer than any variety we know of. Vigorous grower; enormous yielder, shipping quality unexcelled. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Chicago Pickling Fine for market gardeners. Medium length, pointed at each end; has large spines, deep green, very prolific. Good for pickling. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 85c; postpaid.

Davis Perfect Possesses all the merits of the best slicing varieties. Their handsome shape and fine dark green color command the highest price of the market. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Early Green Cluster A very popular early cucumber, producing its fruit in small clusters. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c; postpaid.

Early Fortune One of the best selections of the white spine type; is becoming very popular among the market men of the South. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Longfellow This is a dark green, cucumber of the white spine class. The fruits are eight to ten inches long, cylindrical in shape, and a fine glossy green in color. Well adapted to shipping. No long, slender cucumber carries its beautiful dark green color better than the Longfellow. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.



Longfellow Cucumber

Evergreen White Spine

An extra early, white spine strain. Fruit averages from 8 to 10 inches long and is of the finest quality. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c; postpaid.

Everbearing This variety is of small size; very early, enormously productive, and valuable as a green pickle. Its peculiar merit, however, is the vines continue to flower and produce fruit until killed by frost. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Gherkin or Burr Used only for pickling. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.25; postpaid.

Improved Long Green The fruits are very long and of beautiful dark green color. Fine for slicing and pickles. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 90c; postpaid.

Improved Early White Spine Good for forcing or outdoors. One of the best sorts for table use. The flesh is crisp and tender. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 75c; postpaid.

Stay Green A special strain for market gardeners, introduced by Simon & Son. An extra fine shipper; small and dark green. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Snow's Pickling An early maturing, very small, dark green cucumber; cylindrical, square ended, and very popular with many who want an ideal bottle pickle. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Woodruff's Hybrid A very fine cucumber for market as well the home garden. Fine length, beautiful dark green color. Fruits eight to ten inches long. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

KALE

CULTURE—Sow from 2 to 3 pounds to the acre, 1 ounce to 200 feet of drill. Sow in March or September in drills or broadcast.

Dwarf Green Curled Leaves curled. The best variety for fall sowing. Stands all winter. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 50c; postpaid.

Tall Curled Scotch A beautiful curled variety. Fine for spring planting. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 60c; postpaid.



Early White Vienna

KOHL-RABI

Combines the flavors of the cabbage and turnip and makes a splendid dish if used when 2 to 3 inches thick. Sow in drills as early as the ground can be worked, thinning out to stand 5 to 6 inches in the row. For a succession, sow every two weeks till end of April. For fall use, plant in August or early September.

Early White Vienna This is the best and earliest variety for table use. Pkt. 5c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75; postpaid.

GARLIC

"Plant in spring or fall in rows, cultivate and harvest same as onions." ¼ lb. 20c; 1 lb. 35c; postpaid.

GOURDS

Plant in April, as soon as ground is warm. Prices postpaid.
Dipper Gourd Packet 5c; oz. 20c
Dish Rag Gourd Packet 5c; oz. 25c
Nest Egg Gourd Packet 5c; oz. 20c

HORSERADISH ROOTS

Large, strong cuttings, 35c per doz.; \$2.00 per 100; \$15.00 per 1,000. If wanted by mail, add 10c per dozen for postage.

EGG PLANT

CULTURE—Sow in February or March. When 2 inches high transplant in May to 3-foot rows in deep, rich loam. One ounce of seed will produce 1,000 plants.

Black Beauty This is the earliest and best of all large-fruited Eggplants. Fruits are thick and of the most attractive form. The skin is a rich lustrous purplish-black. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50; postpaid.

Florida High Bush Stands heat well; the fruit is round, smooth and very large; color bright purple. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50; postpaid.

New York Improved Purple The old standard variety. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50; postpaid.

EGG PLANTS

Variety: **Black Beauty**. Ready about April 20th. Postpaid, doz. 30c; 50, 65c; 100, \$1.00. Not prepaid, doz. 20c; 50, 50c; 100, 80c.

ENDIVE

CULTURE—One ounce will sow 200 feet of drill. Sow about the middle of April, and for succession in June and July, 1 foot apart. When nearly full grown, and before they are fit for the table, they should be blanched by tying the leaves loosely together.

Large Green Curled The hardest variety; beautifully curled. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.25; postpaid.

Broad-Leaved Batavian (Escarolle) — Leaves long and broad, thick and succulent. One of the choicest salads. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.25; postpaid.

HERB SEEDS

	Pkt.	Oz.
BASIL, Sweet —For flavoring soups.....	.10	.50
DILL, Mammoth —Used for flavoring pickle.....	.05	.15
LAVENDER —Used for its odor.....	.10	.75
MARJORAM, Sweet —Used in seasoning.....	.10	.40
ROSEMARY —For seasoning meats and soups.....	.10	.75
SAVORY, Summer —Used as a culinary herb.....	.10	.70
SAGE, Broad Leaved —A popular plant.....	.10	.50
THYME —Much used for seasoning.....	.10	.60

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

LETTUCE

CULTURE—One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowing may be made in the open ground from April to middle of August, every 2 or 3 weeks for succession.



New Iceberg Lettuce

New Iceberg Quick-growing and of exquisite flavor. The large curly leaves which cover the outside of the solid head are of bright, light green, with a slight reddish tinge on the edges. Pkt. 5c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.10; postpaid.

California Cream Butter Dark green, round, thick leaves forming a very solid round head which stands a long time without running to seed. Outer leaves spotted brown, inner ones blanched to a rich yellow. Exceedingly rich, buttery, sweet and nutty in flavor. Pkt. 5c; oz. 20c; ¼ lb. 40c; 1 lb. \$1.00; postpaid.



Big Boston

Prizehead Very popular. large, loose-heading sort. Leaves finely crumpled and fringed, outer ones shaded brown; very crisp, sweet and tender. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 95c; postpaid.

Improved Hanson Globe shaped, large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. Has superior qualities for resisting drought and heat. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Mignonette Small, solid heading; never fails. The flavor is fine and the leaves crisp. Pkt. 5c; oz. 20c; ¼ lb. 45c; 1 lb. \$1.25; postpaid.

Large White Cabbage Forms a compact head; has no core, but a tender, golden heart. It resists the cold, withstands the summer heat, always has a crisp, mild flavor, when open it becomes a table ornament. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 90c; postpaid.

Lettuce Plants Varieties: Big Boston or New York or Wonderful. Ready about March 1st. Postpaid, 50, 25c; 100, 45c. Not prepaid, 50, 15c; 100, 30c; 1,000, \$2.25.

MUSHROOM SPAWN

Lambert's Direct Pure Culture Spawn

Produced from tissue cultures invigorated by frequent reference to sport stock. Bricks weigh about one pound and will spawn from 8 to 10 square feet of beds. Postpaid, 1 brick 60c; 5 bricks \$2.50. Not prepaid, 1 brick 50c; 5 bricks \$2.25.

Big Boston A very popular variety for market gardeners. Our strain is very hardy, sure to head and produces solid heads of large size, often 10 to 12 inches across, which are slow to go to seed. The leaves are thin, hard and crisp, comparatively smooth but wavy at the edges, and are of bright light green color, slightly tinged with reddish-brown. The inner head blanches to an attractive greenish-white. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.00; postpaid.

Black - Seed Simpson

One of the best, either for forcing under glass or for open ground culture. It forms large, thin, loose leaves of light green color, very tender, crisp and of fine quality. A fine sort for summer, as it withstands the heat; also for home garden. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 95c; postpaid.



New York or Wonderful

New York or Wonderful A grand Head Lettuce sometimes called California and Los Angeles; furnishes fine, crisp lettuce during the hot summer months. This is one of the largest varieties grown, producing heads more than 15 inches in diameter and weighing more than 2 pounds each. The outer color is rich dark green, but the heart blanches beautifully and is crisp, tender and delicious. Pkt. 5c; oz. 25c; ¼ lb. 50c; 1 lb. \$1.15; postpaid.

Chicken Lettuce

Here is a genuine Lettuce which will yield as much or more chicken or rabbit feed as any "greens" plant. When once cut, it starts to grow again. The leaves can be pulled off each stem like a kale. Chicken Lettuce does not make a head, but sends up a stout stalk three or four feet high, just loaded with leaves. Pkt. 5c; oz. 15c; ¼ lb. 45c; 1 lb. \$1.15; postpaid.

Cos or Romaine

Forms large light green, well-folded heads of upright growth and popular for its crispness and mild flavor. Pkt. 5c; oz. 20c; ¼ lb. 40c; 1 lb. \$1.15; postpaid.



California Cream Butter

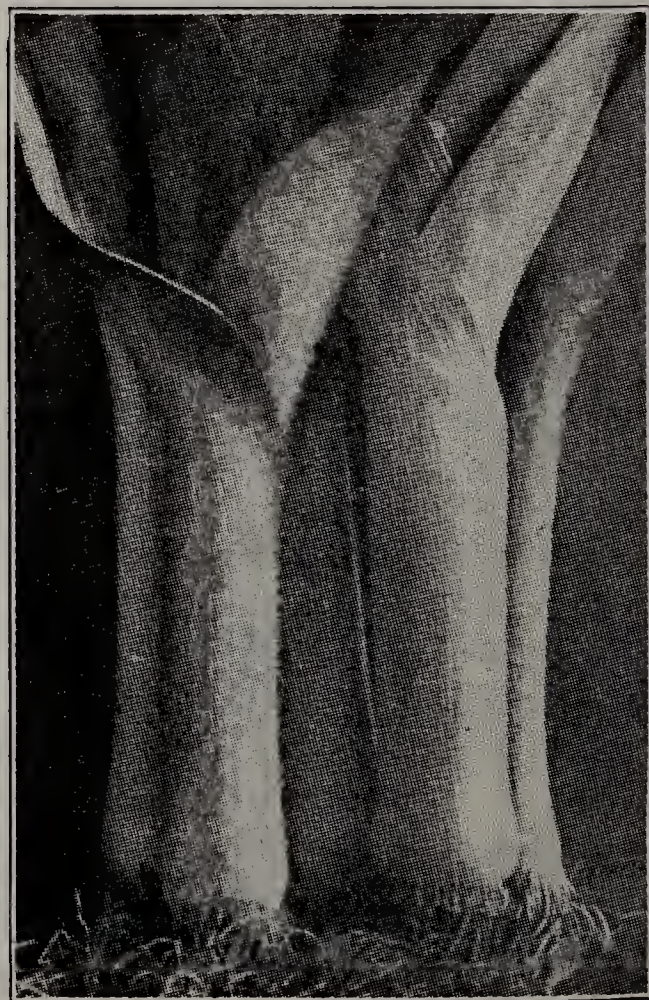
LEEK

CULTURE — Superior to onions for soup flavoring, etc. Sow early in the spring in a light, rich, moist soil in drills half an inch deep. When 6 or 8 inches high, trim off the tops and roots and transplant 4 to 6 inches apart in 1-foot rows, setting the plants in the ground up to their center leaves, and earth up to blanch the necks. Sowings should also be made in September, and transplanted outside in the fall or early spring. One ounce will sow about 100 feet of drill.

Large

London Flag

Hardy, productive and of the best quality. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50; postpaid.

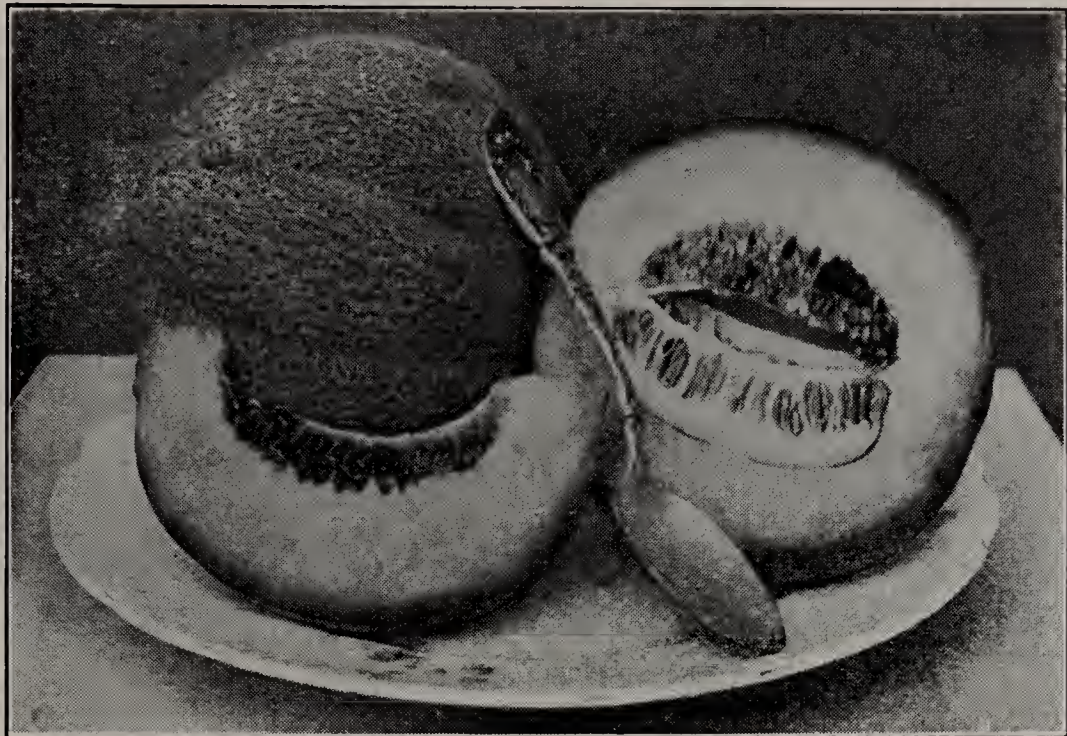


London Flag Leek

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

MUSK MELON OR CANTALOUPE

CULTURE—Plant in hills 5 feet apart in light, rich soil, well manured; 10 seeds to hill; thin to 4 plants. Cultivate well. Pinch off ends of vine as they begin to blossom, which will increase the yield. One ounce to 50 hills. For borers or worms, spray as soon as blossoms appear with Bordo Arsenate and add Blackleaf 40.



Hearts of Gold Cantaloupe

Hearts of Gold Medium size, round, heavily netted; flesh very thick, of rich orange color, handsome appearance and of the sweetest flavor. Average size of melon 6 to 8 inches in diameter. Matures in 75 days. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 90c; postpaid.



Mammoth Rocky Ford Cantaloupe

Mammoth Rocky Ford The general type of this melon is similar to the regular Rocky Ford, but they grow somewhat larger in size, making it a splendid variety for market. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Osage, or Miller's Cream A medium to large-sized, salmon fleshed melon of excellent quality. The fruits are oval, dark green in color, slightly ribbed and partly covered with shallow gray netting. The flesh is salmon colored, fine-grained and highly flavored. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 80c; postpaid.

Pink Meat Rocky Ford This is an early melon of the solid netted type that is so desirable. Very small seed cavity, with thick, luscious flesh of genuine salmon tint. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 90c; postpaid.

Tip Top Nearly round, deeply ribbed, moderately netted; flesh is bright salmon, thick and sweet. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 90c; postpaid.

Acme, or Baltimore One of the best of cantaloupes for a beautiful deep rich green. The flesh is thick, of main crop. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 80c; postpaid.

Banana Long shaped like a banana; has a most delicious flavor. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

California Beauty Here is the melon to grow for market. Several Arkansas truckers have held the Memphis market on this excellent variety. It outsells all others. We do not know of a better cantaloupe than California Beauty. A medium large, pink flesh melon, with excellent eating qualities. The meat is thick, deep salmon in color, very sweet and tender, shape is slightly oval with heavy netting. Pkt. 5c; oz. 20c; ¼ lb. 40c; 1 lb. \$1.25; postpaid.

Hale's Best Produces melons of uniform standard size, 90 per cent of which are completely covered with a beautiful gray, lace-like netting which, with the small seed cavity, make this a cantaloupe of desirable qualities. The flesh is green, tinged with a delicate salmon-pink around the seed cavity, which is the smallest of any strain of Rocky Ford. The flesh is firm but not tough or stringy, and has a sweet, luscious, melting and superb flavor. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. 90c; postpaid.

Honey Ball A little larger than Rocky Ford, is as round as a ball, has thick green flesh. Honey Ball is quite early, enormously productive, and has a delightful flavor and sweetness. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50; postpaid.

Lake Champlain The flesh is a rich golden color, free from stringiness, fine-grained, melting, juicy, sweet delicious flavor clear to the rind. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Honey Dew A splendid variety; rind dull white when ripe. The flesh is a rich green, very sweet and delicious flavor. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Long Yellow The standard long-shaped cantaloupe; grows good size; flesh green, sweet and rich. Excellent for home use. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.



Sugar Rock Cantaloupe

Sugar Rock Cantaloupe Absolutely distinct and very superior melon, the result of years of most careful and painstaking selection and breeding. Of that desirable size in demand in all markets, round, inclined to oval in shape, heavy in proportion to size because the flesh is deep. Distinctly ribbed and well netted—color of skin gray-green. The firm flesh is an attractive green of exquisite texture, sugary, juicy, tender, and free from stringiness. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.15; postpaid.

Superfecto Cantaloupe This new melon of the Rocky Ford type is the sweetest and most luscious of the salmon flesh varieties. It has deep yellow flesh which is soft and exceedingly sweet. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.10; postpaid.

Rocky Ford One of the most popular. Flesh is green, thick and lusciously sweet. It is netted and ribbed and ripens early. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 75c; postpaid.

TO PREVENT WORMS IN CANTALOUPE

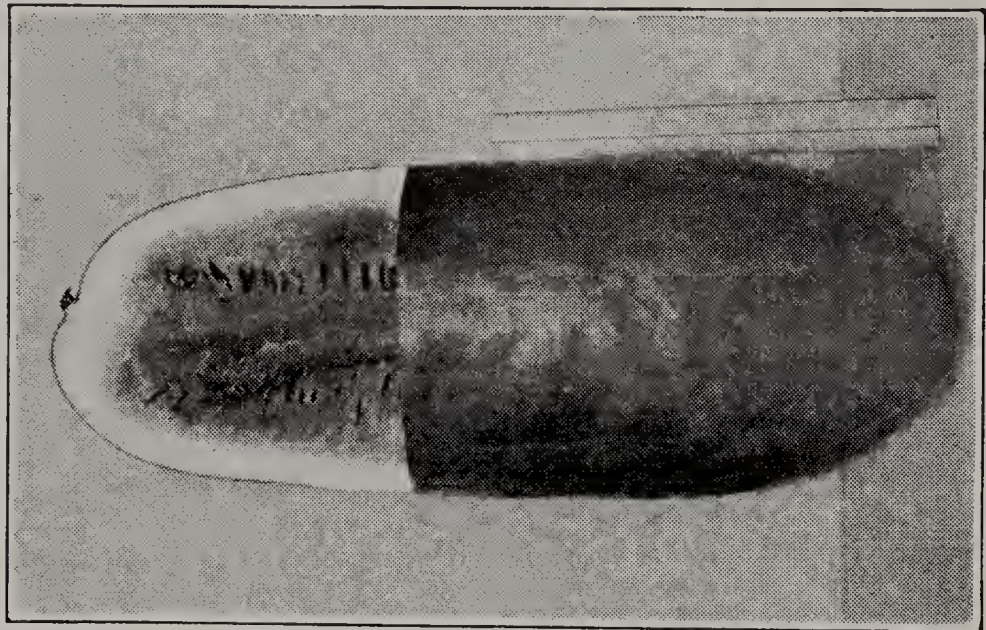
When planting cantaloupes and cucumbers, put in between the hills Yell. Sum. Crookneck Squash. The insects prefer the squash to the melon. Make two plantings of the squash, so the blossoms and young fruits attract the butterfly that lays the eggs, and the worm will destroy the squash crop, leaving the melons and cucumbers unmolested. Burn the squash plants while the worm is doing the damage.

Spray Cantaloupes and Cucumbers—use Shep's or Evergreen Spray to keep down Harlequin bugs, aphids and other pests.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

R.-H.Co's SOUTHERN GROWN WATERMELONS

CULTURE—One ounce to forty hills; 3 or 4 pounds to the acre. Drop seed in well manured hills 6 to 8 feet apart, 6 to 10 seeds, one inch deep, and thin to three best plants. Generally about the middle of April is the proper time to plant melons in this section.



Kleckley Sweet Watermelon

Kleckley Sweet Immensely popular because of its superb flavor and surpassing crispness; is not recommended for shipping, but for nearby markets and for home consumption it has no superior. This melon has a rich, mellow taste that has made it one of the greatest watermelons for table use. It is not overly large, but is medium in size, oval shaped, with an average length of about 18 or 20 inches. It is mottled green on the outside, with the flesh a bright red and of extremely fine quality. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; postpaid.

Black Diamond Immense in size, and grows to average 70 to 90 pounds; rich dark green, uniform, round to oval shape; flesh deep red, of fine quality: Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 85c; postpaid.

Excel The Excel is a large, long green Melon, often weighing 50 to 60 pounds, flesh deep red and ripened well out to the rind. Color of rind deep green and occasionally deep green stripes. The meat is very sweet and free from hard centers. This wonderful melon is favored by buyers, especially those demanding large sizes. Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 85c; postpaid.

Florida Favorite Oblong in shape, growing to a very large size; rind dark green, striped with lighter; highly prized on account of its delicious flavor; seed light color. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; postpaid.

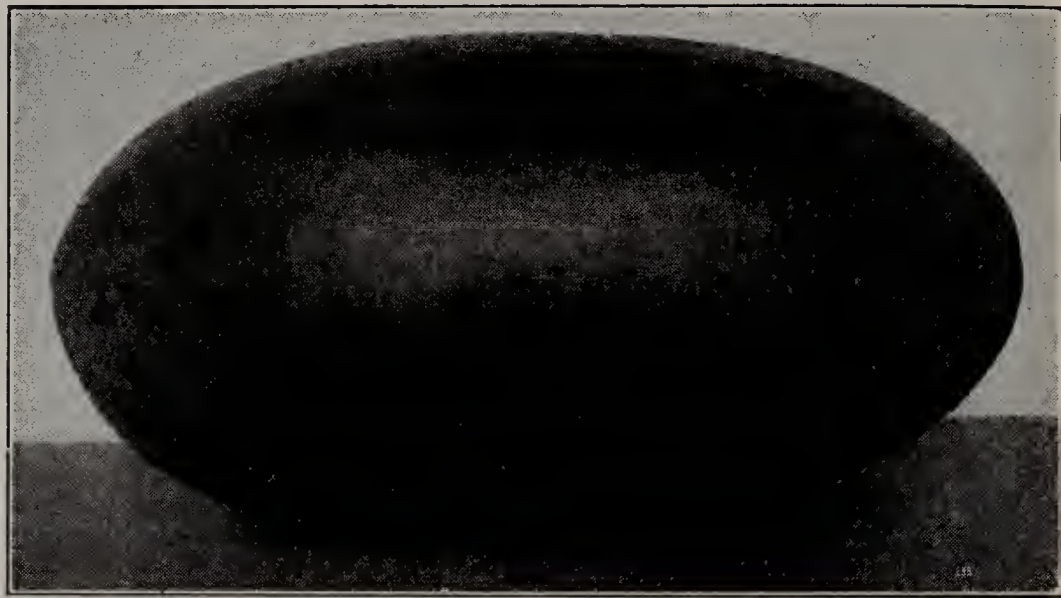
Georgia Rattlesnake One of the largest and best known watermelons cultivated in the South. The fruits are very long, of a light green color, distinctly blotched and striped with a darker shade. The flesh is bright scarlet, fairly tender and sweet. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; postpaid.

Halbert Honey Halbert Honey is one of the sweetest of all watermelons. The fruits are of handsome appearance and regular in form. They are long, measuring 18 to 20 inches in length, and from 6 to 8 inches in diameter. The color of the skin is a deep green, showing fine veins. The melons weigh about 35 pounds each. The flesh is a beautiful crimson color and the rind is very thin. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; postpaid.

Irish Gray In sweetness it is like Kleckley's Sweets; in shipping quality, uniformity in shape, size and in productiveness it compares with Tom Watson. The color is a distinct mottled greenish-gray; the flesh is red, sweet, crisp and free from stringiness. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c postpaid.

New Wonder A variety which has become one of the favorites. No watermelon has received more praise in the short time of its existence, and justly so, for it is one of the finest flavored melons raised. It is also very productive, grows great quantities of big, fine, dark glossy green melons, fully as good eating quality as any melon. The rind is rather thin but reasonably tough to insure good carrying for short hauls, and any market that receives this melon will sell to good advantage. Grows long and thick, seeds white, flesh red and juicy sweet. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; postpaid.

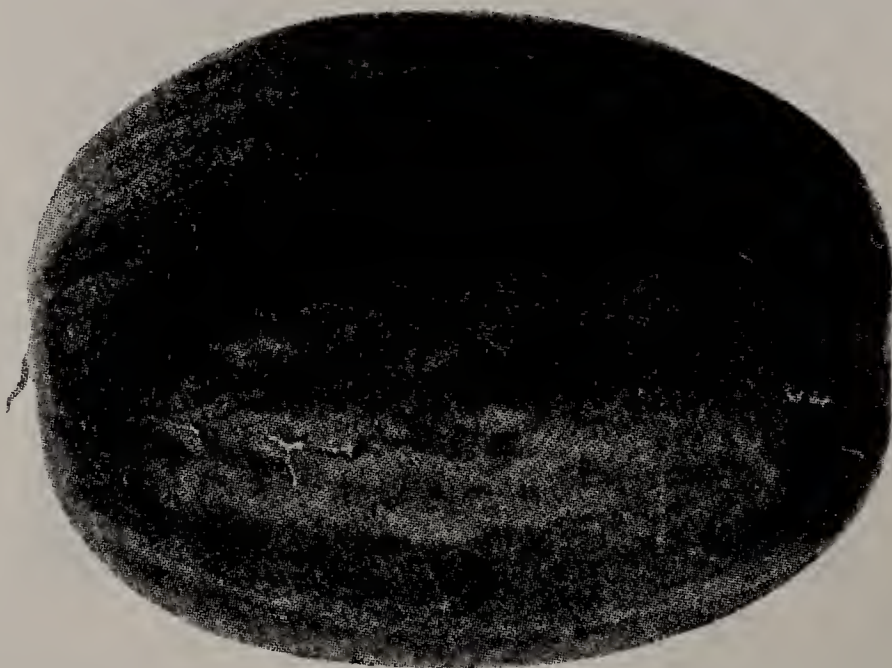
R.-H. Co.'s Big Boy In size, the biggest that grows. Melons average 60 pounds. Some weigh 100 pounds. Oval in shape, dark mottled-green rind with dark red flesh that is very sweet. Pkt. 10c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.50; postpaid.



Tom Watson Watermelon

Tom Watson The most popular shipping melon grown. The melons are large, long and dark green, like the Kleckley's Sweet, but larger and has a tougher rind, giving it exceptionally fine shipping qualities. The flesh is rich red, solid, sweet and luscious and ripens close up to the rind. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 70c; postpaid.

Schlochler A Southern melon of recent introduction; grows to very large size; one of the biggest melons. They will average 40 pounds each. The fruit is very dark green with an indistinct stripe and is very uniform in shape. Flesh bright red, sweet and crisp. The grower claims the Schlochler melon will stand more drought than any other melon and is a sure producer. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.



Stone Mountain Watermelon

Stone Mountain A very large, medium green, round melon of excellent quality. Flesh highly colored, very solid, with fewer seeds than most watermelons. This is rapidly gaining a well deserved popularity in the South where the fruits frequently attain a weight of 60 to 80 pounds. The rind is tough enough to stand handling for nearby markets but will not stand long distance shipping. Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 85c; postpaid.

SPECIAL SELECT WATERMELON SEED

The seed of these following well known varieties has all been saved from uniform largest specimens. The melons are first hand cut and the seed is then selected and saved with the utmost care. If you wish something extra good buy our Special stock of the following.

	Packet	Oz.	¼ lb.	1 lb.
Special Kleckley Sweet	.10	.20	.50	\$1.25
Special New Wonder	.10	.15	.40	1.10
Special Stone Mountain	.10	.20	.50	1.50
Special Tom Watson	.10	.15	.40	1.10

All of the above prices are parcel post paid. Store prices 10c per pound less.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

MUSTARD

CULTURE—Sow from February to April or September and October; broadcast or in drills, six inches apart. Cut when about three inches high. One ounce seed to 80 feet drilled; six pounds to acre broadcast.



Fordhook Fancy Mustard

Fordhook Fancy The vigorous-growing plants have beautiful, dark green, curled leaves. It is most productive from early spring sowings, and stands well, even during the hot summer months. Most popular of all. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.00; postpaid.

Chinese Mammoth An excellent sort with very large, light green, plain smooth leaves. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

Elephant Ear Leaves smooth, broad and tender at all times. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; postpaid.

Florida Broad Leaf Produces large, light green, broad, smooth leaves well above the ground. Plants grow quickly; upright when young, and spread out with age. More easily prepared for the table than the curled sorts. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; postpaid.

Ostrich Plume Leaves dark green, which curve outward like a fine ostrich plume. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.00; postpaid.

Southern Giant Curled Leaves are large light green, much crimped and frilled at the edges. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

Japanese Mustard Spinach A new variety introduced in this country from Japan. It takes the place of Spinach as it remains tender even in dry weather. The leaves are mostly used when young and by repeated planting an abundant supply is available throughout the entire season. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; postpaid.



Tall or Long Green Okra

OKRA

CULTURE—One ounce will plant 100 hills. Sow about the first of May, in drills 3 feet apart, and thin out the plants to one foot apart. Soak seed in water 12 hours—they germinate easier.

Early Dwarf Green Very early; pods green and tender. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; postpaid.

Tall or Long Green Long ribbed pods, very productive. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; postpaid.

White Velvet Okra Very productive, producing round, smooth, white pods. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.75; postpaid.

ONION SETS

CULTURE—Plant four to six inches apart in 12 to 24 inch rows. For prices by the bushel see Green Ink List enclosed

	Qt.	Gal.	Not Pre-	Gal.
	lon.	lon.	paid Qt.	lon.
Red Wethersfield	.20	.50	.10	.40
Yellow Danvers	.20	.50	.10	.40
White Silver Skin	.25	.60	.15	.50
White Multiplier	.25	.60	.15	.50
Yellow Potato Sets	.25	.60	.15	.50
Red Shallots	.20	.50	.10	.40
Yellow Multiplier	.20	.50	.10	.40

ONION SEED

CULTURE—Sow in January or February in hotbeds. Transplant to 12-inch rows, five inches apart. Sow outdoors in rows in March.

Large Red Globe Medium early or main crop red variety produces bulbs of medium to large size, ideally globe shaped, with very smooth, glossy surface, very small neck and remarkably beautiful deep purplish red color. The flesh is white, tinged with light purple, mild, very fine grained and tender. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.50; postpaid.

Large Red Wethersfield Medium early; skin is purplish-red. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.35; postpaid.

White Silver Skin This is a medium sized onion of mild flavor, and with a beautiful clear white skin. This variety is a favorite with many for use when young, as a salad or bunching onion, and for pickles. The bulbs are nearly round when of bunching size and somewhat flattened when mature. Pkt. 5c; oz. 20c; ¼ lb. 60c; 1 lb. \$1.75; postpaid.



Prize-Taker This variety has been successfully grown in all parts of Texas and the Central South. It is very large, and onions have been raised weighing from 4 to 5 pounds each. The skin is a light straw color, and the flesh is a pure white, very fine grained. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.60; postpaid.

Southport White Globe Handsome globe-shaped bulbs. Pkt. 5c; oz. 25c; ¼ lb. 60c; 1 lb. \$2.00; postpaid.

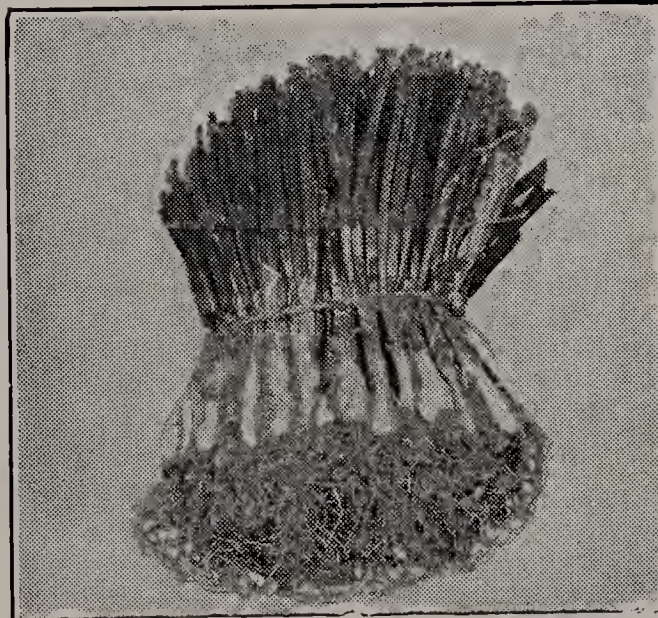
Yellow Globe Danvers Globe shaped; large. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.35; postpaid.

Crystal White Wax This is the pure White Bermuda Onion. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.50; postpaid.

Yellow Or Straw Colored Bermuda Light yellow or straw color; very sweet and mild. Pkt. 10c; oz. 25c; ¼ lb. 60c; 1 lb. \$2.25; postpaid.

Prosperity or White Bunching Does not form a bulb but is the best sort for bunching. To carry over winter for spring use, seed should be sown in furrows 4 inches deep and filled in as the plants develop. Quality more mild than other perennial sorts. Pkt. 10c; oz. 25c; ¼ lb. 60c; 1 lb. \$2.25; postpaid.

BERMUDA ONION PLANTS



These will produce delicious young Onions for table use during the late spring and early summer. They can be set out at the same time you would plant Onion sets or Cabbage plants. Plant in rows about 15 inches apart, and three to four inches in the rows.

Crystal White Wax Bermuda

Absolutely pure white Bermuda Onion with a most beautiful waxy appearance.

Price, shipped from Memphis, postpaid: 100, 20c; 500, 70c; 1,000, 1.00.

Not prepaid, 100, 10c; 500, 50c; 1,000, 80c; per crate, 6,000 plants, \$3.60.

Prices, f.o.b. growing station, per crate, 6,000 plants, \$3.00.

Yellow Bermuda The most popular of Bermuda varieties. The bulbs are light straw-colored.

Price, shipped from Memphis, postpaid: 100, 20c; 500, 70c; 1,000, \$1.00. Not prepaid, 100, 10c; 500, 50c; 1,000, 80c; per crate, 6,000 plants, \$3.60.

Price, f.o.b. growing station, per crate, 6,000 plants, \$3.00.

All prices on Onion Plants are subject to crop conditions and market changes.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

RUSSELL-HECKLE'S GARDEN PEAS



CULTURE—The pea is hardy and endures cold well, either in or above the ground. It is best to sow the earliest varieties as soon as possible (February), in warm, light soil, prepared the previous autumn or winter. The main crop may be sown about two weeks later. Sow Peas in drills about 2 to 3 inches deep, in rows 2½ to 3½ feet apart. One quart will sow 100 feet of drill. All wrinkled varieties are marked (*). These should not be planted until March.

Early Alaska Matures in 50 days. This is an extra early pea, blue in color, earlier by a few days than any other kind; very fine and prolific; the best flavored Pea among the extra early smooth-podded kinds. Postpaid, packet, 10c; ½ pt. 20c; pt. 35c; qt. 45c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 35c.

Ameer Known as BIG POD A L A S K A. Matures about 10 days later than Alaska. Height 3 feet; good quality. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 55c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 45c.

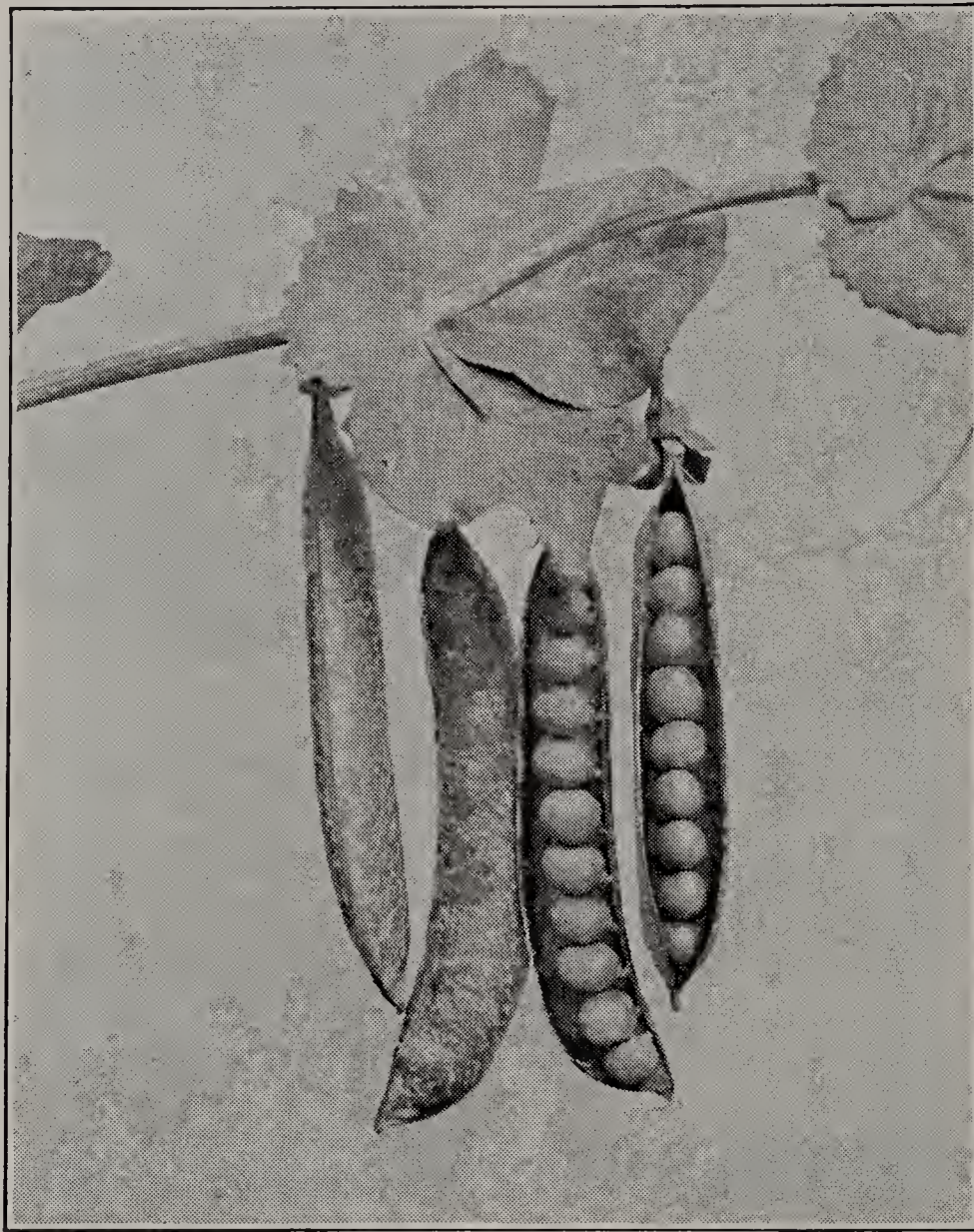
American Wonder*

A dwarf, early wrinkled sort; pods short but well filled; quality excellent. Height, one foot. Postpaid, Pkt. 10c; ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

Bliss Everbearing*

A good variety that continues in bearing a long time. Height, three feet. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

Gallon, Peck and Bushel
Prices on
ENGLISH PEAS
Are Given on Page 2
of this catalogue.



Thomas Laxton Peas

Thomas Laxton* Large-podded, early Pea. The pods are large containing on the average seven or eight large, sweet, wrinkled Peas of the very richest flavor. The vines attain a height of from three to three and one-half feet. Postpaid, pkt. 10c; ½ pt. 20c; pt. 40c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Hundredfold* Large pods. This new wrinkled variety means perfection in dwarf Peas. Bears an enormous crop of handsome, dark green, fairly broad and pointed pods, four inches long, containing about eight large, dark green peas of excellent quality. The vines are 16 inches high. Postpaid, pkt. 10c; ½ pt. 20c; pt. 45c; qt. 70c. Not prepaid, ½ pt. 15c; pt. 35c; qt. 60c.

Little Marvel* This Pea has been rightly named. It is an early wrinkled Pea, grows about 12 to 15 inches tall, and bears heavily. Pods dark green 3 inches long, round with square end and often contain seven rich, dark green Peas. Postpaid, pkt. 10c; ½ pt. 30c; pt. 45c; qt. 70c. Not prepaid, ½ pt. 20c; pt. 35c; qt. 60c.

Laxtonian* This handsome wrinkled pea is the largest podded of the dwarf varieties. The vines are vigorous and productive, averaging 16 inches high with dark green foliage. The pods are about four inches long, and contain from 6 to 8 large dark green peas. This is a popular variety for home or market use. The peas are edible in 56 days after planting. Postpaid, pkt. 10c; ½ pt. 25c; pt. 45c; qt. 70c. Not prepaid, ½ pt. 20c; pt. 35c; qt. 60c.

McLean Little Gem* Hardy, prolific, uniform in habit of growth. Pods medium size and well filled. Medium early. Height, 18 inches. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

Nott's Excelsior* A medium early wrinkled sort of dwarf habit. Height, 14 inches. Postpaid, pkt. 10c; ½ pt. 20c; pt. 40c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Champion of England*

It grows 4 to 5 feet high and requires support, and large crop production more than repays any extra labor required. Postpaid, pkt. 10c; ½ pt. 25c; pt. 45c; qt. 70c. Not prepaid, ½ pt. 20c; pt. 35c; qt. 60c.

Dwarf Telephone*

This is a healthy stocky grower, and very productive. It does not require staking. The green pods frequently measure 5 inches in length, containing 9 to 10 peas. If you like the Telephone type of peas, and don't want to take the trouble to stake them, you should plant this variety. Edible in 66 days after planting. Postpaid, pkt. 10c; ½ pt. 25c; pt. 45c; qt. 70c. Not prepaid, ½ pt. 20c; pt. 35c; qt. 60c.

First and Best Extra Early

The best of the white-seeded, extra-early sort. For earliness and purity it is without a rival. Pods short but well filled. Height, two and a half feet. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 55c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 45c.

Gradus or Prosperity*

Ripens early; vines about three feet high; bears profusely. The pods almost as large as those of Telephone. Postpaid, pkt. 10c; ½ pt. 20c; pt. 40c; qt. 65c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 55c.

Telephone* The vines are tall, about four feet high, producing an abundance of pointed pods of largest size, often four and one-half to five inches long, filled with very large peas, which are tender and sweet. Postpaid, ½ pt. 20c; pt. 30c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

Large White Marrowfat Height, five feet. Vines green. Postpaid, pkt. 10c; ½ pt. 20c; pt. 35c; qt. 50c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.

PARSLEY

CULTURE—Soak seed in water for a few hours and sow in rich soil early in Spring in rows a foot apart and cover lightly. Parsley is slow to germinate and is sometimes 3 to 4 weeks in coming up. One ounce will sow 150 feet of drill. Sow in March and April, also in September.

Champion Moss Curled A vigorous, compact sort, very densely crimped and curled. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; postpaid.

Double Curled A standard variety having deeply cut and beautifully curled leaves. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; postpaid.

Plain, or Single Leaves are flat, deeply cut, and dark green. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 75c; postpaid.

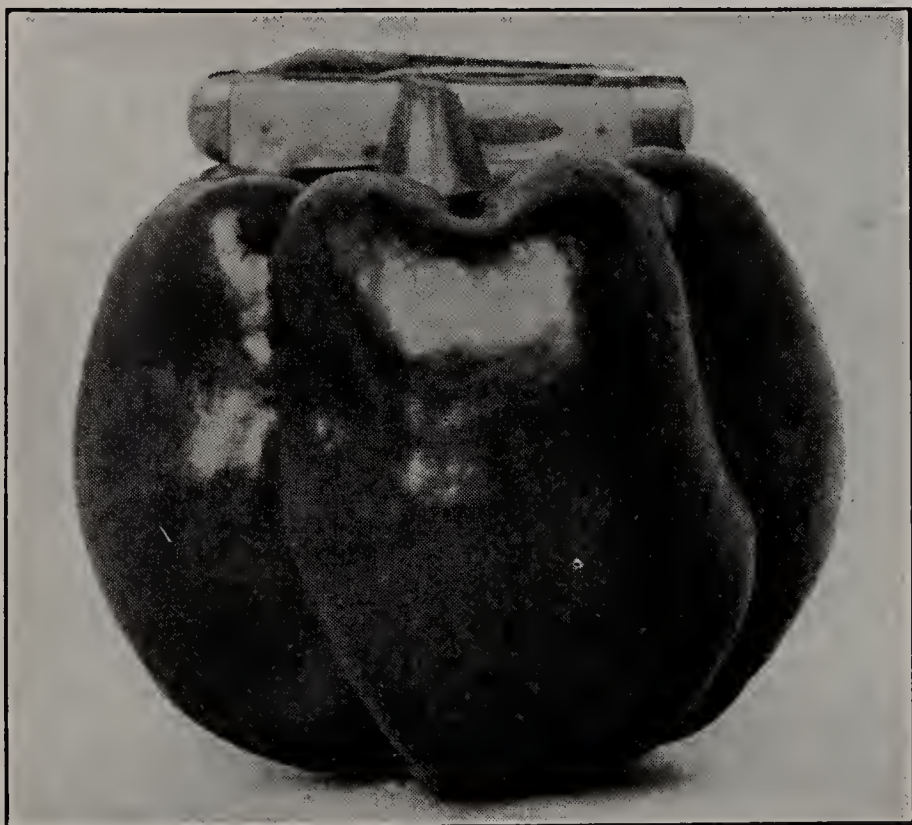
PARSNIPS

CULTURE—Sow the seed in early spring, three-fourths of an inch deep, in rows 12 to 18 inches apart and when 3 inches high thin to 6 inches apart in the row. One ounce of seed for 100 feet of row; 5 pounds of seed required for an acre.

Sugar, or Hollow Crown The Hollow Crown is probably grown more universally than any other Parsnip. Roots white, smooth, sugary and of excellent flavor, easily harvested, 12 to 15 inches in length and often 3 inches in diameter at the top, with a hollow crown about the stem. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; postpaid.

PEPPER

CULTURE—One ounce will produce about 1,000 plants. For early plants sow in hotbeds the latter part of January, and transplant to open after all danger of frost is over, in rows 3 feet apart, 15 to 18 inches apart in the rows.



Harris' Earliest Giant Pepper

Harris Early Giant Earliest of all large fruited sorts. A very large sweet Pepper, producing good crops. The plants are of vigorous growth and covered with enormous Peppers about 4 inches high and 3 inches through. Pkt. 5c; oz. 35c; ¼ lb. 90c; 1 lb. \$3.25; postpaid.

Bell, or Bull Nose A large early sort of mild flavor. Fruits are large. Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.25; postpaid.

Bird's-Eye or Creole Very hot; used for pepper vinegar. Pkt. 10c; oz. 50c; postpaid.

California Wonder A giant-podded sweet Pepper, maturing very early, similar in shape to Bull Nose, but much larger and flesh thicker, deep green when young and a rich red when ripe; flavor mild. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.75; postpaid.

Chinese Giant This variety is one of the largest and finest Peppers. The plant is about two feet high, of strong vigorous growth, stocky and erect in habit, is quite square, average 4 inches in diameter, and is of a bright, glossy-scarlet when ripe. The flesh is unusually thick and very mild. Pkt. 5c; oz. 40c; ¼ lb. \$1.15; 1 lb. \$4.00; postpaid.

Long Red Cayenne A well known medium early variety, with extremely strong and pungent flesh. Bears long, slender twisted pods, bright red when ripe. Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.35; postpaid.

Pimento The sweetest Pepper grown, does not contain the slightest trace of fieriness. The plants are extremely productive, and Peppers are medium in size and of a shape which is desirable for filling. Pkt. 5c; oz. 25c; ¼ lb. 65c; 1 lb. \$2.00; postpaid.

Royal King Extra large size, flavor is sweet and mild. Pkt. 5c; oz. 35c; ¼ lb. 75c; 1 lb. \$2.50.

Ruby King A fine variety, very large and attractive. Fruits are 4 to 5 inches long, bright red when ripe. Pkt. 5c; oz. 25c; ¼ lb. 60c; 1 lb. \$2.00; postpaid.

Red Chili Small, red, conical pods, hot and prolific. Pkt. 10c; oz. 40c; ¼ lb. 90c; 1 lb. \$2.75; postpaid.

Tabasco This variety is used in manufacturing the well-known Tabasco Sauce. Pkt. 10c; oz. 50c; ¼ lb. \$1.25; 1 lb. \$4.00; postpaid.

World Beater Said to be a cross between Ruby King and Chinese Giant. The shape is like Ruby King, only the blossom end is broader, and the size nearly equal to Chinese Giant. Vigorous grower and very prolific. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.00; postpaid.

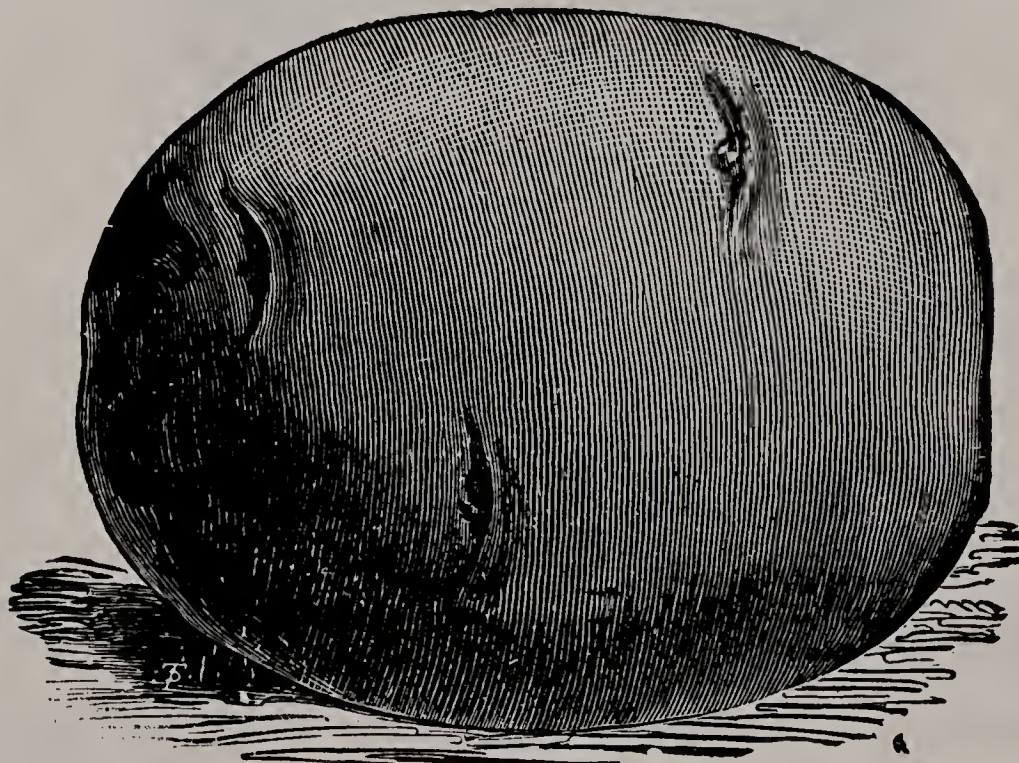
PEPPER PLANTS

Varieties: Chinese Giant, California Wonder and Long Red Cayenne. Ready about April 20th. Postpaid, doz. 30c; 50, 65c; 100, \$1.00. Not prepaid, doz. 20c; 50, 50c; 100, 80c.

IRISH POTATOES

CULTURE—Will mature in 70 to 90 days, according to the variety. Cut two eyes, drop them every 15 inches, and make rows 3 feet apart; cover eyes 2 inches; plant in February, March and April for early crops. On account of market fluctuations, we are unable to name exact prices. Will be pleased to have you write during the month of February or later. Will then quote prices for prompt or future shipments. All prices quoted are F.O.B. Memphis.

State Certified Seed Potatoes They cost more, but they are well worth the difference. We handle the genuine State Certified Seed Potatoes, tagged and inspected according to state and government inspection requirements. Don't be misled and buy or plant just field inspected potatoes—see that the tag reads, "State Certified." You want the best. Send us your orders for the genuine State Certified Seed Irish Potatoes and get them right.



Red Triumph Potato

State Certified Red Triumph You can depend on our stock of Bliss Red Triumphs. They are smooth, sound and free from diseases and true to type, so tagged and certified by the state which produces them. Remember, only State Certified Seed Potatoes can be shipped into Mississippi and other states.

State Certified Irish Cobbler Potatoes

A popular, early white potato of fine quality. Very productive. We have State Certified Seed of this splendid variety.

State Certified Seed Sweet Potatoes Plant only disease-free seed Sweet Potatoes and Sweet Potato Slips. They mean better quality and better crops. We ship only State Certified seed stock. Can furnish following varieties:

Certified Nancy Hall—Skin yellow, meat sweet, of clear amber yellow. Prices on request.

Certified Porto Rico Yams—Deep orange meat, soft, sweet and of best flavor; skin golden color with slight purplish tinge. Prices on request.

State Certified Sweet Potato Slips **Certified Nancy Hall Slips.** Certified Porto Rico Slips. Postpaid, 500, \$1.50; 1,000, \$2.50. Not prepaid, 500, \$1.25; 1,000, \$2.00; 5,000, \$8.75. Prices subject to market changes.

SUMMER SEED POTATOES

Cold storage stock for July planting. We will have to offer for summer planting cold storage Lookout Mountain, McCormick and Red Triumph Potatoes. Prices will be given in June and July. Write us.

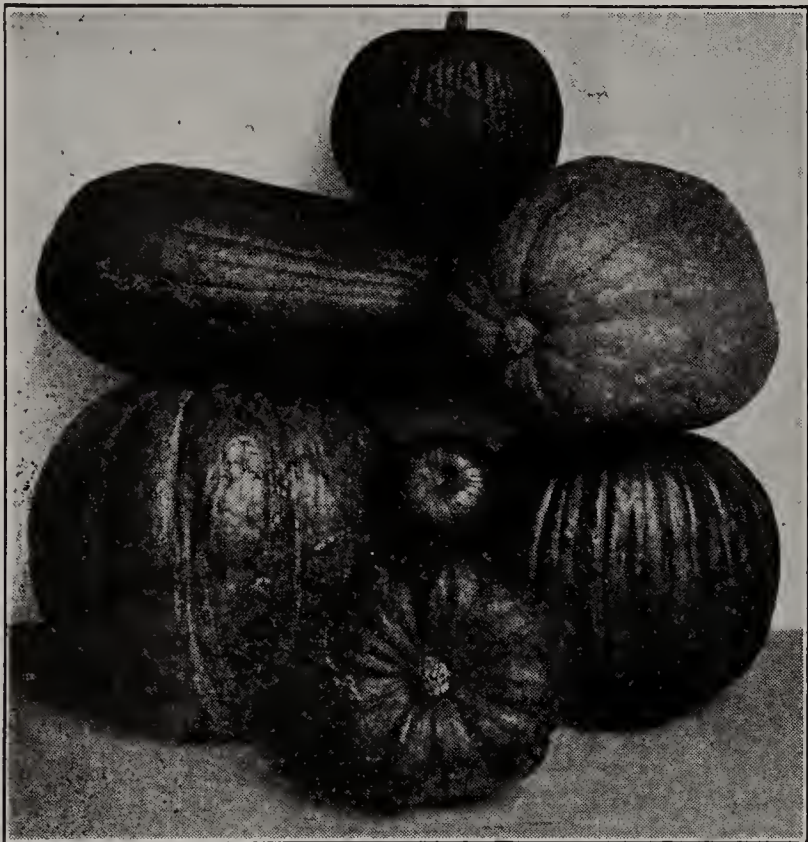
HOW TO GET A STAND OF FALL IRISH POTATOES

Use Ethylene Chlorhydrin. This chemical when applied to the cut potatoes causes a complete quick sprouting by drying them out, consequently you can use your own May dug potatoes after they have been out of the ground for three weeks, and by treating with Ethylene Chlorhydrin you will get a perfect stand by Sept. 1st, and consequently a sure crop. The treatment is simple and inexpensive. Complete directions for using come with the material.

1-2 pt., enough for 2 bushels of seed potatoes, 50c; 1 pt. 90c; 1 qt. \$1.50; 1-2 gal. \$2.75; 1 gal. \$4.25. Cannot be mailed.

PUMPKIN

CULTURE—They may be grown as a field crop. Plant in hills 8 feet apart each way, and any time after first of May. Avoid planting near other vine crops, as they will hybridize and damage that crop. One ounce will plant about 25 hills, 4 pounds to the acre.



Assorted Pumpkins

Striped Cushaw Very productive, good for table and stock feeding. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 85c; postpaid.

Kentucky Yellow Field A large variety of good quality; the standard pumpkin for field cultivation and stock feeding. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

Japanese Pie A large crook-necked sort; skin green, striped yellow. Flesh yellow and of fine quality. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 85c; postpaid.

Small Sugar Small, round, flat-ended. Very prolific. Deep orange-yellow flesh, fine grained and sweet. One of the best for pies. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 90c; postpaid.

King of the Mammoth Of extraordinary large size; good for growing for prizes; skin is orange colored, with bright yellow flesh of fine quality. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

Tennessee Sweet Potato Of medium size, creamy white, with light green stripes and fine-grained brittle flesh. Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 90c; postpaid.

Winter Luxury A strain of the Small Sugar, running slightly larger in size. It does not show the ribs of the Small Sugar and has a netted skin. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.00; postpaid.

RHUBARB OR PIE PLANT

CULTURE—Plant in the early spring or fall in deep-worked soil, 4 feet apart each way. Mulch freely with manure or coarse litter. After stalks are well rooted and have grown freely, they may be used, and with care will last for years. Pkt. 5c; oz. 25c; ¼ lb. 50c; 1 lb. \$1.25; postpaid.

Rhubarb Roots Stong 2-year-old roots: Each, 30c; 6, \$1.25; 12, \$1.85; postpaid. One-year roots: Each, 15c; 6 for 65c; doz. \$1.00; postpaid. Not prepaid, 2-year roots: Each, 20c; 6 for \$1.00; doz. \$1.50. One-year roots. Each, 10c; 6 for 50c; doz. 75c.

RADISH

Early Scarlet Turnip A very early, small, round radish; entire radish is of a rich scarlet color. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; postpaid.

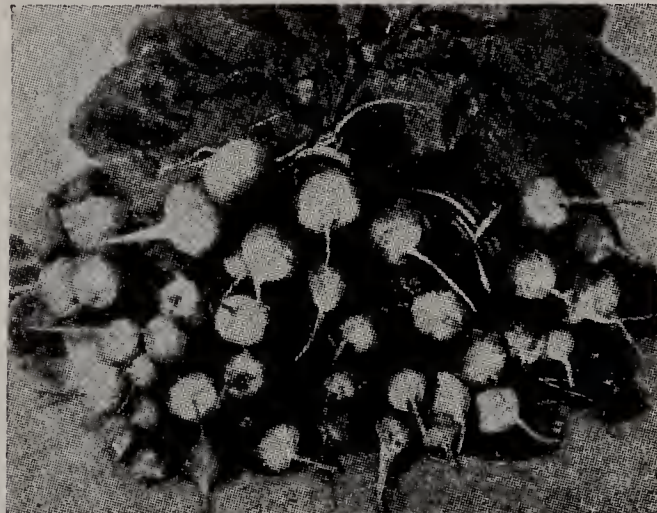
China Rose Winter Bright rose color; flesh white and firm; superior quality. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 60c; postpaid.

Long Black Spanish Winter Grayish black in color; pungent, exceedingly crisp. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 60c; postpaid.

Mixed Radishes A general mixture of all varieties, giving you radishes for the whole season at one planting. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; postpaid.

RADISH

CULTURE—To be tender and crisp, radishes must be grown quickly, and this requires rich soil and moisture. Begin as early as possible in the spring and sow at intervals of about 10 days in a light, rich, deeply worked soil. For fall and winter, sow in August and September. One ounce sows 50 feet in drills; 10 to 12 lbs. to the acre.



Early Scarlet Turnip White Tip Radish

Early Scarlet Turnip White Tip Market gardeners' favorite radish for outdoor planting. Turnip-shaped; handsome scarlet in color, with a distinct white tip. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.00; postpaid.

Early Long Scarlet Short Top Early, very short top; splendid shape and color. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; postpaid.



White Icicle Radish

White Icicle Long, slender, pure white, the earliest and finest long, white radish. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; postpaid.

Early Bird From the time of seed sowing to the table in 20 days. The quickest growing radish of all. Perfectly round, of bright red color, and have only a very few short leaves. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 70c; postpaid.

R.-H. Co.'s Perfection White Tip The best strain of Scarlet Turnip White Tip Radish, with the white tip well developed, covering the lower half of the radish. Extra early; crisp and tender. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; postpaid.

Chinese White Mammoth This is the Mammoth and finest of the Chinese varieties; they grow to a very large size, and are always crisp and mild. A very desirable variety for fall and winter. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 60c; postpaid.

Scarlet Gem One of the earliest. Brilliant scarlet at top, blending into pure white at bottom; tender and crisp. The forcing strain of Cooper's Sparkler. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. 70c; postpaid.

Cooper's Sparkler

This radish is an improved type of the Scarlet Turnip White Tip and is superior to the original. The top half is beautiful scarlet; the bottom half clear white. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.00; postpaid.

French Breakfast

A very popular French variety of very rapid growth; color, scarlet, tipped with white. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; postpaid.

Early Scarlet Globe

The roots of this variety are slightly olive shaped and are a rich, bright scarlet in color. The flesh is white and tender. The roots are fit to pull as early as Scarlet Turnip, but are larger when matured. We especially recommend this for shipping. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 45c; 5 lbs. \$2.00; postpaid.

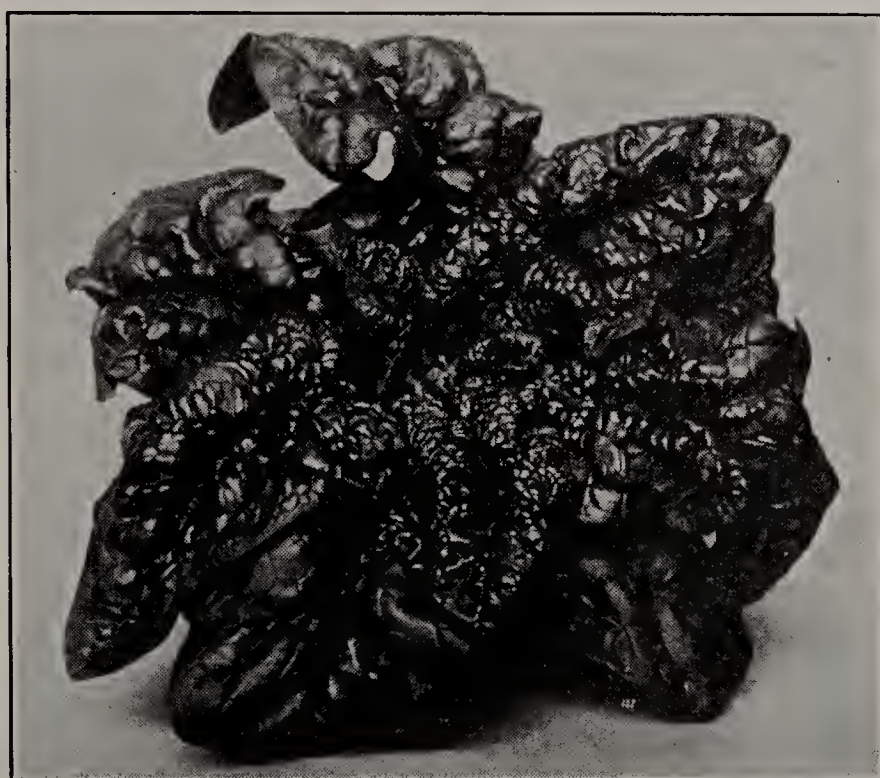
SALSIFY (Oyster Plant)

CULTURE—The Oyster Plant succeeds best in some light, well-enriched soil which previous to sowing the seeds should be stirred to the depth of 18 inches. Sow early in the spring in drills 15 inches apart; cover the seeds with fine soil 1 inch deep. One ounce for 60 feet of drill, 7 pounds to one acre.

Mammoth Sandwich Island This splendid variety grows to fully double the size of the old sort; is of superior quality and delicate flavor. Pkt. 5c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.75; postpaid.

SPINACH

CULTURE—Requiring but little culture, it is one of the most easily managed of all vegetables. The main crop is sown from September until November. For summer use it may be sown at intervals of two or three weeks, from March to August. One ounce to 100 feet of drill; 10 to 12 pounds to an acre.



Bloomsdale Curled Savoy

Bloomsdale Curled Savoy In appearance the leaf is wrinkled in the same way as that of the Savoy Cabbage, hence the name. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 35c; 5 lbs. \$1.25; postpaid.

Long Standing Bloomsdale Savoy A new long standing strain of the well-known Bloomsdale Curled Savoy Spinach. Slow in running to seed, stands a long time in edible condition. Leaves very dark green, crumpled, large and attractive. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 40c; 5 lbs. \$1.50; postpaid.

Norfolk Blight Resistant Savoy A variety of Bloomsdale Spinach that is Blight Resistant, therefore making it a very desirable sort, since it holds its color at all times. On the south-east coast it is used almost entirely by the truckers for shipping to northern markets. The leaves are dark green, crumpled, large and of beautiful appearance. For market, grow the Norfolk Blight Resistant Spinach. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 45c; 5 lbs. \$1.75; postpaid.

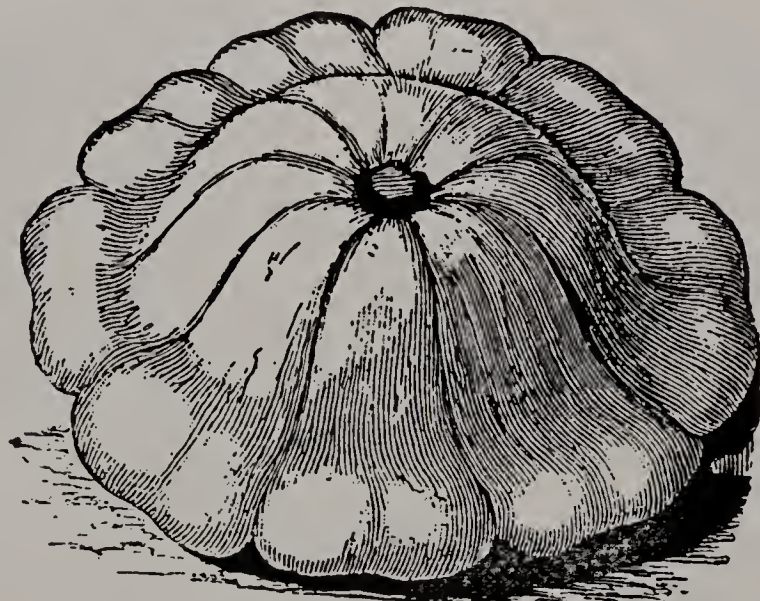
Broad Leaved Flanders An early and vigorous growing round seeded variety. The leaves are bright green, broad and thick with long petiole, usually broad arrow-shaped but sometimes rounded. The surface is fairly smooth or sometimes slightly crumpled. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 45c; 5 lbs. \$1.75; postpaid.

King of Denmark. The New Evergreen Spinach. It is fit for use in thirty days from time of sowing, and remains in good condition fully two weeks after other varieties have started seedstalks. It has a beautiful crumpled, dark green, thick leaf of fine quality. Ready to cut in about 45 days. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$1.75; postpaid.

New Zealand Spinach One single plant will grow to dimensions of 6 feet across, producing an abundance of thick, fleshy, juicy stems and leaves. Plant in hills 2 feet apart each way, 3 or 4 seeds to a hill. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; 5 lbs. \$2.50; postpaid.

SQUASH

CULTURE—After danger of frost is past, plant in a warm, well-pulverized, rich soil, mixing well-rotted manure with the soil in each hill. Plant 8 or 10 seeds to the hill; the bush varieties 4 to 6 feet apart, the running sorts 8 to 10 feet.



Early White Bush Patty Pan Squash

Early White Bush Patty Pan The most popular of white summer types of squash. The fruits are rather small, quite flat, with ridges or scalloped edges. The vines are bush, and the fruits are 8 inches across by 3 inches in diameter. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 85c; postpaid.

Mammoth White Bush Quite similar to the Early White Bush, from which it was originally selected; color a beautiful waxy white; the fruits are thick, the flesh tender and of the best quality. A very prolific bearer. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 85c; postpaid.

Giant Straightneck Yellow An excellent selection from the Crookneck Squash with comparatively straight neck, thus being more easily packed for shipment. The fruits are intensely warted. 18 to 20 inches long. Sweet and buttery. Pkt. 5c; oz. 15c; ¼ lb. 30c; 1 lb. \$1.00; postpaid.

Golden Custard Bush form similar to the White Bush, but yellow and fine quality, being always tender. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 85c; postpaid.

Hubbard A favorite winter squash. Shell dark green and extremely hard. Flesh rich orange; dry and sweet. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.10; parcel post paid.

Giant Yellow Crookneck Largest of all summer varieties of vining type. The fruits measure 1½ to 2 feet in length. The skin is deep orange and the flesh is an attractive salmon-orange. Productive and of excellent quality. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 85c; postpaid.

Yellow Summer Crookneck Of true bush growth, very early-fruiting and productive. The skin is a beautiful deep orange and the flesh a rich shade of salmon-orange. Of delicious flavor and very meaty. Pkt. 5c; oz. 15c; ¼ lb. 25c; 1 lb. 85c; postpaid.

Zucchini An Italian summer variety of bush habit. The fruits are oblong, 12 to 16 inches in length and 5 inches in diameter, furrowed with 5 ribs; color, marbled yellow and dark green stripes; quality fine. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. \$1.15; postpaid.



Swiss Chard

Swiss Chard OR Silver Beet

Swiss Chard replaces Spinach during the hot weather and is grown much in the same way as Beets. The seed should be sown during April or May, in drills 16 to 20 inches apart, and the seedlings thinned to stand from 1 to 2 feet apart in the row. The plants are quite hardy, and will yield throughout the summer and fall until severe frosts touch the foliage. The large white ribs may be creamed like Asparagus. One ounce for 100 feet; 4 lbs. per acre. Lucullus Swiss Chard; the best broad ribbed variety. Pkt 5c; oz. 10c; ¼ lb. 25c; 1 lb. 60c; postpaid.

R. H. CO.'S TOP-NOTCH TOMATOES

CULTURE—The seed should be sown in March in a hotbed or greenhouse, or may be sown in a box and kept inside the window of a room where the night temperature is not less than 65 degrees. The plants should be thinned out in the bed so as to give them plenty of room or they will be weak and poor. About the middle of April the plants may be set in the open ground from 4 to 5 feet apart each way. One ounce produces about 1,500 plants. To prevent rot and blight on tomato plants, spray with Pyrox when first fruits have set.

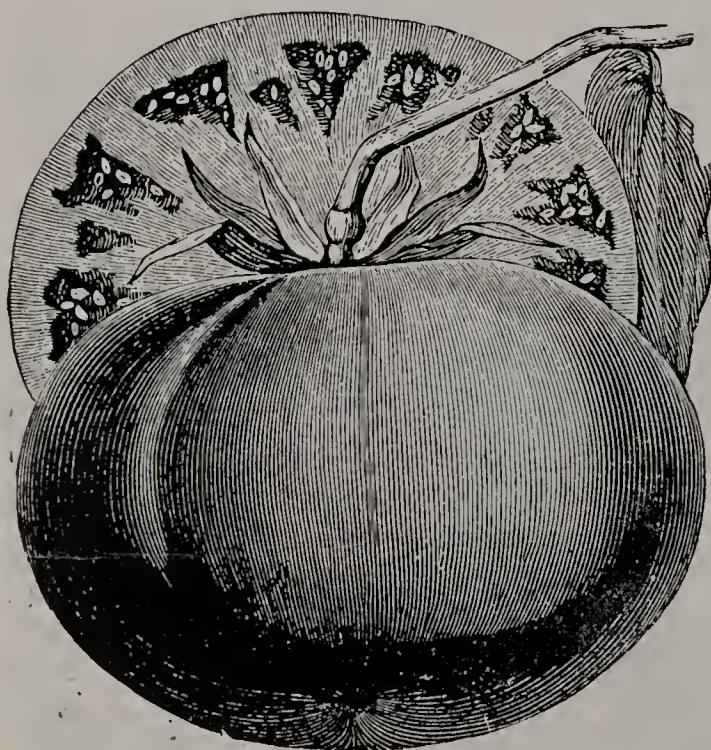


Bonny Best Tomatoes

Bonny Best An early variety maturing a little later than Earliana. Fruit medium size, color bright scarlet, exceedingly smooth, handsome shape; ripens evenly close up to the stem. It is very prolific and we recommend it as a first-class sort. Pkt. 5c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.25; postpaid.

Early Detroit The largest and best of the early purplish tomatoes. Fruits very smooth, nearly globe-shaped, firm and of excellent quality. Is a better yielder and more vigorous than Acme. The fruits are of good size throughout the season. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.00; postpaid.

Special Stock Early Detroit A very careful selection of this well known and desirable variety. All seed saved from perfect fruits; the best obtainable. Pkt. 10c; oz. 60c; ¼ lb. \$1.50; 1 lb. \$4.25; postpaid.



Gulf State Market Tomatoes

June Pink A Pink Earliana. Ripens as early as Earliana. A prolific bearer, clusters of six to eight large fruits being borne close to the main stem, a large percentage of the fruit being produced very early. The fruit is of medium size, uniform, smooth, and attractively shaped. Excellent for shipping. In color it is a bright, pleasing pink. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.00; postpaid.

Gulf State Market

One of the finest early globe-shaped tomatoes yet produced. A very vigorous grower and withstands blight exceptionally well. Color deep purplish-pink, smooth skin and free from cracks. Pkt. 5c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.00; postpaid.

Special Stock Gulf State Market

This seed is more carefully selected by the grower and is of the very highest quality obtainable. Pkt. 10c; oz. 60c; ¼ lb. \$1.50; 1 lb. \$4.25; postpaid.

Early Acme Early and bears fruit until cut off by frost. Fruit is purplish-pink, always round, smooth and of good size, and is borne in clusters of four or five; free from cracks and stands shipment well. Flesh is solid and of excellent flavor. Pkt. 5c; oz. 30c; ¼ lb. 85c; 1 lb. \$2.75; postpaid.

Beefsteak Large fruit, 4 to 5½ inches across, nearly always perfectly smooth, glossy, bright red flesh. Very solid; excellent quality, few seeds; ripening up to stem; good keeper and a good shipper. Pkt. 10c; oz. 50c; ¼ lb. \$1.25; 1 lb. \$4.00; postpaid.

Brimmer A great, big, solid red Tomato, 15 to 16 inches in circumference, weighing 2 to 2½ pounds each. It is all meat, very few seeds. The vines bear a tremendous load of fruits right up to frost and the fruits continue large until the end of the season. They are bright red, smooth and will not crack. Pkt. 10c; oz. 50c; ¼ lb. \$1.25; 1 lb. \$4.00; postpaid.

Dwarf Stone A most productive Dwarf Tomato, producing a high yield of mammoth fruits. The tomatoes average 4 inches in diameter and are about 3½ inches thick. They are juicy, fleshy, and contain comparatively few seeds. The color of the skin is vivid scarlet. Pkt. 10c; oz. 40c; ¼ lb. \$1.00; 1 lb. \$3.25.

Earliana A fine scarlet tomato. Ready for the market several days ahead of any other variety. Ripens uniformly and is a good yielder. Smooth, always round and good first size. Flesh is very thick, firm and solid, with few seeds. Good shipper, does not crack. Pkt. 5c; oz. 25c; ¼ lb. 60c; 1 lb. \$2.00; postpaid.



Marglobe Tomato

Marglobe The Wilt and Nailhead Rust-Resisting Sort. Developed by the Agricultural Department and thoroughly tested in sections where the above diseases are very destructive. The Marglobe was produced by crossing the Livingston Globe with one or more other varieties. A bright red in color, of large size, almost round, and very productive. Pkt. 5c; oz. 35c; ¼ lb. 85c; 1 lb. \$2.50; postpaid.

Certified Marglobe This is a special stock of Marglobe Tomato, certified by the proper authorities. The field where this is grown has been under the most rigid and careful inspection to see that the variety is pure and free of all diseases. Truckers and growers wanting the best should avail themselves of this Certified Marglobe Tomato. Pkt. 10c; oz. 50c; ¼ lb. \$1.10; 1 lb. \$4.00; postpaid.

Pyrox

Spray Tomatoes with it and prevent blossom-end rot and worms. 1-lb. jar 50c; 5 lbs. \$1.75; Nicotine Pyrox, for both sucking and chewing insects, 10 oz. jar 50c; f.o.b. Memphis. Not mailable.

Livingston's Globe **The Greatest Shipping Tomato Known.** Not excelled by any other pink variety, and it is one of the best for the home garden, comes into bearing early, and keeps on bearing almost until frost. The fruits are of large size, always smooth, with firm flesh that ripens evenly; color, a fine glossy rose, tinged with purple. Quality good, being mild, pleasant and of delicious flavor. Fine for early growing on stakes or trellises. Almost blight-proof. Pkt. 5c; oz. 35c; ¼ lb. 90c; 1 lb. \$2.75; postpaid.

Special Stock Livingston's Globe This is the very best quality obtainable, sealed in original packages from the growers. Pkt. 10c; oz. 60c; ¼ lb. \$1.50; 1 lb. \$4.00; postpaid.

Pritchard Formerly known as Scarlet Topper, coming from the same source as Marglobe. You can depend on this new variety as being a good one. Pritchard is wilt resistant, and its very open foliage produces fruits of large size, perfect and smooth in shape.

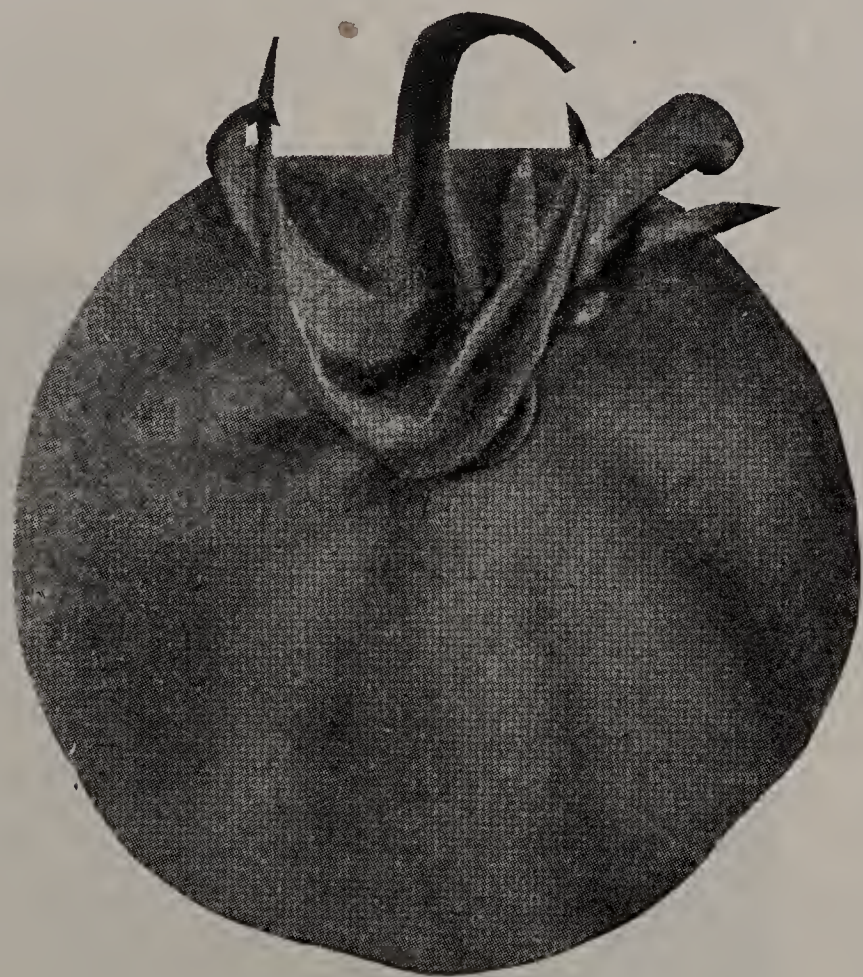
The color of the fruit is brighter red than the Marglobe and is perfectly smooth, quite large and solid. The fruits are produced in clusters and the individual vines are crowded with smooth, perfect shaped tomatoes which are of fine table quality. We were much pleased with the results of our trials of this new variety. Like the Marglobe, it was brought out by Dr. Pritchard of the U. S. Government Experimental Station. Pkt. 10c; oz. 40c; ¼ lb. \$1.10; 1 lb., \$3.50; postpaid.

Ponderosa, the Giant Tomato of the large-fruited varieties; this one is a gem. The vines are strong in growth, and when planted in good soil and pruned to a single stem, the fruit reaches one pound in weight; tomatoes grow in beautiful uniform clusters. The fruit is mostly oblong in shape, usually ribbed, is deep purple color, has solid flesh of sweet flavor, and small seed cells. Pkt. 5c; oz. 40c; ¼ lb. \$1.25; 1 lb. \$4.25; postpaid.

Yellow Ponderosa Equals Ponderosa in size, but bears rich golden-yellow fruits in abundance. Pkt. 10c; oz. 50c; ¼ lb. \$1.50; 1 lb. \$4.50; postpaid.

Yellow Pear Shaped This is the best variety for making preserves. Packet 10c; oz. 50c; postpaid.

Cooper's Special A distinct second early variety. Globe shaped, pink, purplish color, solid and fleshy; it has proven a valuable variety for the market gardeners on account of its good size and very desirable color, being a bright pink, and is of perfect smoothness. Packet 10c; oz. 50c; ¼ lb. \$1.10; 1 lb. \$3.50; postpaid.



Cooper's Special Tomato

TOMATO PLANTS

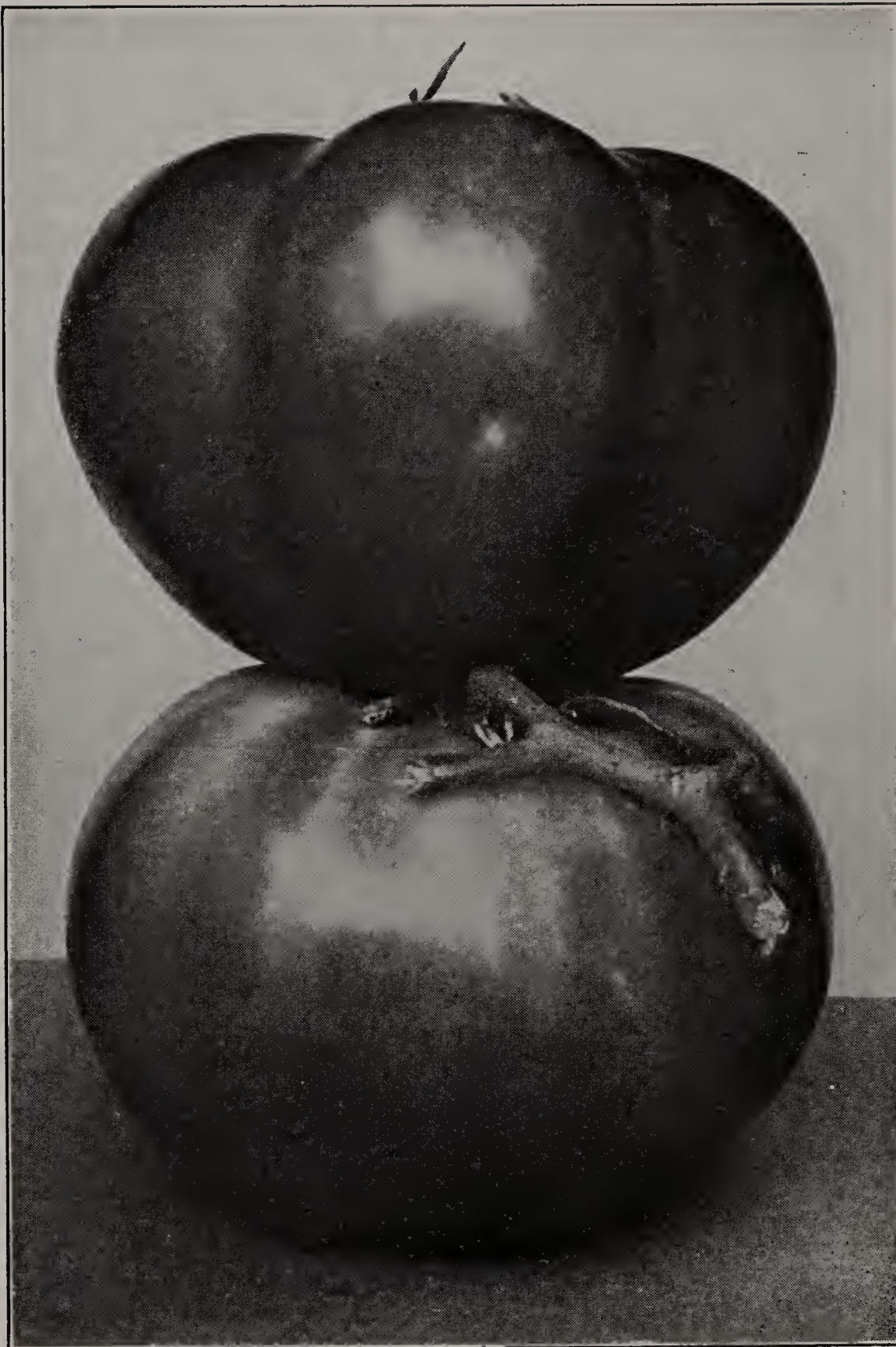
These are usually ready about April 1st. We can supply the following varieties:

GULF STATE MARKET
MARGLOBE
STONE

EARLY DETROIT
LIVINGSTON'S GLOBE
PONDEROSA

Hot Bed or Seedling Stock—Prices: Postpaid, 50, 40c; 100, 60c; 500, \$2.00. Not prepaid, doz., 10c; 50, 25c; 100, 40c; 500, \$1.75; 1,000, \$2.50.

Transplanted, Hot Bed Grown—Prices: Postpaid, doz., 30c; 50, 65c; 100, \$1.00; 500, \$3.90. Not prepaid, doz., 20c; 50, 50c; 100, 75c; 500, \$3.50; 1,000, \$6.00.



New Stone Tomato

New Stone **The Greatest of All Canning Tomatoes.** The new Stone is always of good size, deep through from stem to blossom-end and very firm. Skin is bright scarlet, perfectly smooth, and strong enough to stand shipping and long-distance hauling to perfection. Flesh is very solid and of finest flavor. Seed-cells are small and few. Livingston's Stone is recognized as one of the greatest canning tomatoes. Pkt. 5c; oz. 25c; ¼ lb. 50c; 1 lb. \$1.50; postpaid.

R.-H. Co.'s Red Head Tomato A superb early maturing variety coming into bearing with Earliana, however, it is perfectly smooth, of larger size and a deep but bright red color and holds its size throughout the season. Pkt. 10c; oz. 50c; ¼ lb. \$1.25; 1 lb. \$4.00; postpaid.

HOTKAP PLANT PROTECTORS



Germāco

Hotkaps

New Method of
Plant Protection

Matures crops earlier; shields plants from wind, rain and light frosts; protects them from insects; keeps dirt soft — miniature "hot-houses." A revolutionary device that saves much in time, labor and money; 1,500 Hotkaps used on an acre, average.

Full directions in free circular.

Price, 100 with garden setter, \$2.25. By mail, \$2.50.

1,000 Hotkaps without setter, \$9.75.

"Trial Box," consisting of 250 Hotkaps with one new style garden setter made of fibre for \$3.50; by mail \$3.80. Fibre Garden Setter alone, 40c; by mail, 50c.

STEEL HOTKAP SETTERS. Used when large quantities are set, \$2.25 extra; by mail, \$2.45.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

TURNIPS

CULTURE—Spring sowing should be put in early, so that they will attain a good size before hot weather. For the regular crop, sow the early sorts in July or August, the later sorts during August, and the salad varieties during August and September. Sow either broadcast or in drills 2 feet apart, thinning out to 6 inches and roll the ground after sowing. Rutabagas should be sown in July and early in August, and earthed up as they grow. New ground makes the best turnips, or, if sown in your garden, first mix a good supply of phosphate with the ground, then sow your seed. Cover the seed about ½ inch. Sow 1½ pounds to the acre in drills, 2 pounds broadcast.



R. H. Co.'s American Red Top Globe

R.-H. Co.'s American Red Top Globe Grown for us on contract from our own special seed stock. A perfect globe-shaped with bright red or purple top and snow-white bottom. It does not taper like other types of the same variety. This is due to the utmost care in selection when growing for seed. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.00; postpaid.

Shogoin or Japanese Louse Resistant Turnip

A new variety that is becoming very popular in the South. Especially valuable for turnip greens, which are always in good demand during the late spring and summer months in the South. The leaves grow upright, about 2 feet high when fully developed, which make it practically free from insect attacks. The roots are pure white, between flat and globe in shape; however, this wonderful new sort is more largely planted for the tops than the roots. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.00; postpaid.

RUTABAGA

CULTURE—Sow in drills or broadcast in June, July and August.

Improved Purple Top Yellow The finest and most profitable of all yellow, purple-top Rutabagas, being the hardiest, heaviest, best shaped and most productive. The flesh is of a beautiful yellow color, of the choicest quality. Matures in 95 days. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

TOBACCO

The seeds are sown in the spring. When these plants are almost 6 inches high, set out 2 feet apart, in drills, with rows 3 feet apart. One ounce of seed will make enough plants to set out three acres.

HAVANA—Grown largely for wrappers of cigars.

IMPROVED WHITE BURLEY—Fine for both chewing and smoking. Price of any of the above varieties: Pkt. 10c; oz. 40c; postpaid.

For Aphis or Lice on Turnips Use Powdered Tobacco. Dust the young plants early in the morning, while the dew is on them. 1 lb. 15c; 2 lbs. 25c; 5 lbs. 40c; 25 lbs. \$1.25. By parcel post, 1 lb. 25c; 2 lbs. 40c; 5 lbs. 60c.

Hudson Cadet Duster.....\$.40 Hudson Bellows Duster.....\$1.50
Hudson Major Duster.....1.00 Signal Duster......30

Postage extra.

Extra Early White Milan

The earliest turnip. Tops very small, distinctly strap-leaved and growing very erect. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.00; postpaid.

Extra Early Purple Top Milan

A white variety, purple top and strap-leaf. This, with the White Milan, is the earliest of all turnips. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$2.00; postpaid.

Dixie Land

A winter variety, large white bulbs. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

Large Amber Globe

Of large size, globe-shaped, solid yellow flesh; green top. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

Long White Cow Horn

A long white turnip 12 to 15 inches in length. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$1.75; postpaid.

Large White Globe

A popular variety. Makes large, round white roots, flesh white, solid, sweet and fine-grained, maturing in about 75 days. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

Mammoth Purple Top White Globe

One of the handsomest and most salable turnips. It is a large, rapid-growing sort, being ready for the table or market in about 65 days, with globular-shaped roots. Flesh pure white and the best flavored of all turnips, raw or cooked. The skin is white, with a purple top. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

Red or Purple Top Strapleaf

Flat white, with purple top. Fine-grained and tender. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

R.-H. Co.'s Mixed Turnips

A general mixture; very desirable; produces greens and turnips early and late; fine for home gardens. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

Southern Seven Top

The old standard popular salad variety, grown extensively for this purpose. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.40; postpaid.

Southern Prize

Forms large snow-white bulbs that stand the severest winter. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

White Flat Dutch Strapleaf

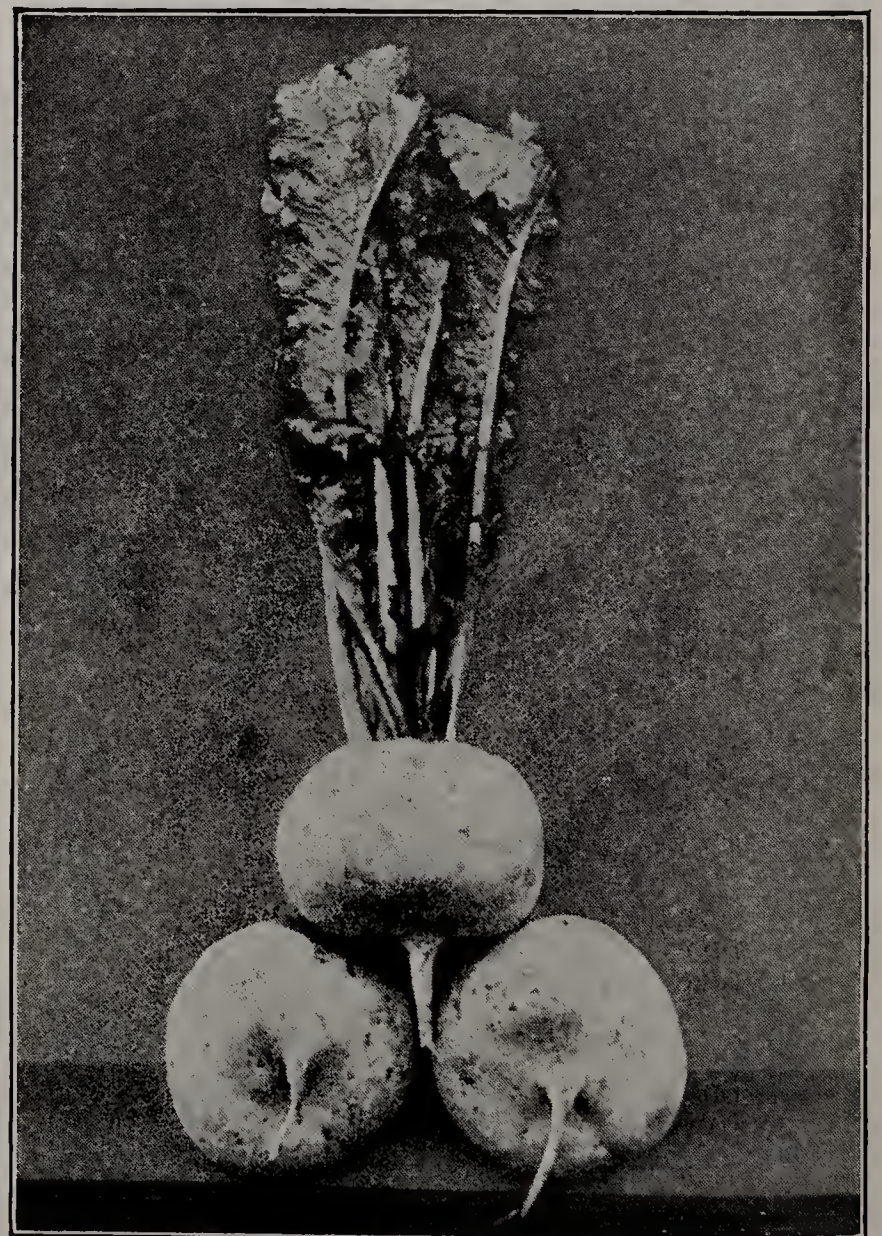
An extra early pure white, flat growing variety. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

White Egg

A quick-growing, egg-shaped, pure white variety. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.

Yellow Aberdeen Purple Top

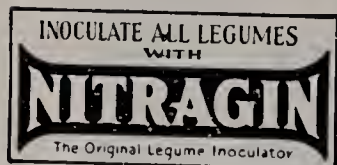
A splendid variety with firm, solid, yellow meat. Pkt. 5c; oz. 10c; ¼ lb. 15c; 1 lb. 45c; 5 lbs. \$1.50; postpaid.



Shogoin Japanese Turnip

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

RUSSELL-HECKLE'S SWEET PEAS



CULTURE—Sow in January, February, March or April. Cover seed 2 to 4 inches, according to depth of your trench. The soil for Sweet Peas should be rich and deep, with Pulverized Sheep Manure in it. On high and dry soils they may be sown in drills from 4 to 6 inches deep, covered with an inch or two of soil pressed firmly, and the furrow filled in as the plants grow. When the plants are well above the ground, they should be thinned out so as to be at least from 2 to 4 inches apart.

SPENCER SWEET PEAS (Separate Colors) — This group includes the largest and most beautifully formed Sweet Peas. The Spencers have very large, waved flowers, which are produced abundantly on long, strong stems, making the blossoms most desirable for cutting. All the following prices are postpaid:

AUSTIN FREDERICK IMPROVED — A giant lavender shade. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

BARBARA — A superb salmon shade. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

CONSTANCE HINTON — Very fine pure white. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

COUNTESS — Bright, clear, pink. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

DOBBIES CREAM — Deep cream color. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

FIERY CROSS — Intense deep scarlet. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

HERCULES — Giant rose pink; a beautiful large flower. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

HELEN LEWIS — Orange-salmon color. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

HEAVENLY BLUE — A unique shade of lovely light blue. The flowers, of good size and substance, are well waved in both standard and wings. They are borne almost uniformly in four-flowered sprays upon long, stout stems. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.



R. H. Co.'s Spencer Sweet Peas

KING WHITE — One of the best whites. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

MRS. TOM JONES — Bright blue. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

MISS CALIFORNIA — A wonderfully pleasing shade of salmon pink, with largest blossoms. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

MARY PICKFORD — The last word in pink Spencers, a most delightful and pleasing shade of cream pink with a tinge of salmon; blooms produced four on a stem. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

PINKIE — Largest size Rose-pink. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

GUINEA GOLD — Glowing orange shade, the last word in a deep golden yellow sweet pea, one of the very finest. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

ROYAL PURPLE — A rich purple; one of the finest and most pleasing colors. Pkt. 10c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

Special

SPENCER SWEET PEA COLLECTION

One packet each of our 16 separate color large flowering Spencer Sweet Peas for only \$1.00; parcel post paid.

EA. FLOWERING SPENCER SWEET PEAS

This type is especially adapted for greenhouse culture during the winter, but will do exceedingly well out of doors where early flowers are desired. Seed sown in August or September under glass will bloom from Christmas onward. The varieties listed hereafter are those used by the leading florists of the country; immense in size, perfect in form and texture.

Price uniform, any of the following 8 varieties: Pkt. 15c; 2 pkts. 25c; oz. 50c; ¼ lb. \$1.25; postpaid.

EARLY FLOWERING AMETHYST — A lovely shade of rich royal purple; large graceful flower.

EARLY FLOWERING BLUE BIRD — This is a charming shade of blue. Large and exquisitely waved flower.

EARLY FLOWERING BURPEE'S ORANGE — The most outstanding orange Sweet Pea. A clear orange self.

EARLY FLOWERING HARMONY — Beautiful clear lavender. A magnificent variety of strong growth.

EARLY FLOWERING SNOWSTORM — Large and well waved; snow white blooms on long stems. This is the best of all the white Early Spencers.

EARLY FLOWERING VULCAN — A dazzling scarlet cerise. A wonderful appealing color; has large blooms on long stems.

EARLY FLOWERING YARROWA — A splendid variety; none better, combining rose pink on a cream ground. Large graceful flower that is a beautiful shade. You will like Yarrowa.

EARLY FLOWERING ZVOLANEK'S PINK — This is one of the very best of the deep pink class. Very large and of fine form and of the richest pink color.

EARLY FLOWERING SPENCER SWEET PEA COLLECTION

Six 15c Packets Only 50c

1—15c pkt. EARLY FLOW. BLUE BIRD	Bright Blue
1—15c pkt. EARLY FLOW. HARMONY	Lavender
1—15c pkt. EARLY FLOW. YARROWA	Pink
1—15c pkt. EARLY FLOW. AMETHYST	Purple
1—15c pkt. EARLY FLOW. VULCAN	Scarlet
1—15c pkt. EARLY FLOW. SNOWSTORM	White

This collection, retail value 90c. only 50c.

MIXED COLORS SWEET PEAS

R.-H. Co.'s Giant Spencer Mixture This superb mixture is our special pride. During the several years we have sold it, it has been our constant aim to improve and perfect it. The different sorts contained in this mixture are grown separately, so that we have an opportunity to choose only the largest and most beautiful varieties. These we mix ourselves in proper proportions for the most brilliant effect. It embraces the finest Spencer varieties, as well as the latest novelties, and will produce a great abundance of giant flowers of beautiful colors. Some are edged, mottled blended, flaked, and striped. Without exception, this is the very finest mixture it is possible to make. We recommend the buying of these seeds by weight, and planting liberally. Pkt. 5c; oz. 15c; 2 ozs. 25c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.35; postpaid.

Early Flowering Mixed Spencers A rare combination containing all the shades of early flowering Spencers. Pkt. 10c; oz. 25c; ¼ lb. 85c; 1 lb. \$3.00.

Cupid Mixed These form a line of emerald-green foliage a little over a foot wide and six inches high. Pkt. 10c; oz. 20c; ¼ lb. 75c; 1 lb. \$2.00.

Perennial Mixed The plants are hardy and will live for years, but the flowers have not the fragrance of the annual Sweet Peas. These come mixed in shades of red and white only. Pkt. 10c; oz. 50c; ¼ lb. \$1.25; postpaid.

SPENCER SWEET PEA COLLECTION

One Packet each of the following 10 Spencer Sweet Peas Only 60c

1—10c pkt. AUSTIN FREDERICK	Lavender
1—10c pkt. DOBBIES CREAM	Deep cream
1—10c pkt. HEAVENLY BLUE	Silver blue
1—10c pkt. KING WHITE	Pure white
1—10c pkt. MISS CALIFORNIA	Bright pink
1—10c pkt. HERCULES	Rose pink
1—10c pkt. GUINEA GOLD	Deep orange
1—10c pkt. ROYAL PURPLE	Deep purple
1—10c pkt. FIERY CROSS	Deep scarlet
1—10c pkt. COUNTESS	Bright clear pink

Total, ten 10c pkts., value \$1.00, sent postpaid for only 60c.



SOWING FLOWER SEEDS

CULTURAL DIRECTIONS—Light, rich loam is most suitable for flowers. The soil should be finely pulverized for best results. This is of paramount importance if one wishes to grow them successfully. They, in common with all other seeds, should be sown thinly and the soil pressed firmly over them when covered. Water frequently. A good plan is, sow the seeds in rows about 8 inches apart, then transplant to the permanent garden later.

ALL PRICES ON FLOWER SEEDS ARE POSTAGE PAID

Alyssum Six to 8 inches high a fragrant, hardy annual, bearing spikes of small white flowers in great profusion. Useful for border of early bedding flowers. Sow the seed early in spring.

SWEET ALYSSUM—Pkt. 5c; ½ oz. 20c; oz. 35c.

GOLDEN YELLOW ALYSSUM—Hardy perennial, but blooms the first year from seed if sown early. Grows 12 inches high. Pkt. 10c; ½ oz. 35c; oz. 60c.

LITTLE GEM ALYSSUM—Three to 4 inches high; fine for borders. Pkt. 5c; ½ oz. 30c; oz. 50c.

Ageratum Very showy plants; bloom profusely the whole summer; fine as cut flowers; splendid for borders, ribbon beds, etc. Half-hardy annuals.

DWARF BLUE AGERATUM—Pkt. 10c; ½ oz. 30c; oz. 50c.

FINEST MIXED AGERATUM—Pkt. 5c; ½ oz. 25c; oz. 45c.

Acroclinium (Everlasting Flower) — A pretty everlasting, bearing graceful, daisy-like flowers, pretty bright rose and white with yellow centers, which, when cut in the bud state, can be dried and used for winter bouquets. Double mixed; 1 foot. Pkt. 5c; ½ oz. 25c; oz. 40c.

Amaranthus CAUDATUS—Love Lies Bleeding — Very attractive; 3 feet. Pkt. 5c; ½ oz. 15c; oz. 25c.

CRUENTUS—Showy annual, known as Princess Feather. Pkt. 5c; ½ oz. 20c; oz. 35c.

TRICOLOR—Very attractive annual, called Joseph's Coat. Pkt. 5c; ½ oz. 30c; oz. 50c.

Asters Very effective in beds or borders

CHINA—Aster, mixed colors. Pkt. 5c; ½ oz. 40c; oz. 75c.

GIANT COMET—A good bedding variety with large blossoms, the petals of which are long, narrow and curled backwards. Mixed colors. Pkt. 10c; ½ oz. 75c; oz. \$1.25.

VICTORIA MIXED—Flowers very large and perfect. Pkt. 10c; ½ oz. 75c; oz. \$1.25.

ALL COLORS MIXED—A combination of all varieties, double, of globular shape and imbricated; 1½ feet high, giving both range and colors and shapes. Pkt. 5c; ½ oz. 50c; oz. 85c.

SEMPLE'S BRANCHING PURPLE ASTER—Pkt. 10c; ½ oz. \$1.25

SEMPLE'S BRANCHING PINK ASTER—Pkt. 10c; ½ oz. \$1.25

SEMPLE'S BRANCHING CRIMSON ASTER—Pkt. 10c; ½ oz. \$1.25

SEMPLE'S BRANCHING LAVENDER ASTER—Pkt. 10c; ½ oz. \$1.25

SEMPLE'S BRANCHING WHITE ASTER—Pkt. 10c; ½ oz. \$1.25

SEMPLE'S BRANCHING MIXED, ALL COLORS—Pkt. 10c; ½ oz. \$1.00

Aster (The Sunshine)—These have twisted and quilled petals, are very showy and attractive. All have a cushioned center of tiny quills of a contrasting color, which makes the flower look as if it were covered with snowflakes. Price pkt. mixed colors, 10c; ½ oz. \$1.25.



Antirrhinum or Snap Dragon

Antirrhinum (Snapdragon)

Whether used for cutting or for show in the garden, it is one of the most valuable flowers grown. The beautifully colored flowers are borne on long stems. Seed sown the first week in May will bloom from July until frost.

EMPRESS—A rich crimson Snapdragon. Pkt. 10c; ½ oz. \$1.25.

GOLDEN QUEEN—Beautiful golden-yellow. Pkt. 10c; ½ oz. \$1.25.

SILVER PINK—Satiny pink. Pkt. 10c; ½ oz. \$1.25.

DWARF MIXED—Many colors. Pkt. 10c; ½ oz. 75c; oz. \$1.25.

TALL MIXED—Many colors. Pkt. 5c; ½ oz. 35c; oz. 60c.

African Daisy (Arctotis Grandis)

It forms much-branched bushes 2 to 3 feet high; its Daisy-like flowers are pure white with a gold band surrounding a pale mauve or blue center. It is not only pleasing when open, but also when it closes at evening and displays its lilac-tinted undersides. Good cut flower. Pkt. 10c; ½ oz. 50c.

Balsam Plant 12 to 18 inches apart. Transplanting two or three times has a tendency to dwarf the plants to make the flowers more double.

DOUBLE MIXED—Pkt. 5c; ½ oz. 25c; oz. 40c.

Balsam Apple Long, pear-shaped fruit with very fine, glossy green foliage. This is a pretty climber. Pkt. 5c; ½ oz. 25c; oz. 40c.

Balloon Vine A rapid growing climber; thrives in light soil. Pkt. 5c; ½ oz. 15c; oz. 25c.

Bachelor's Button Mixed colors. Also called Globe Amaranth. Of easy culture; sow the seed where it is to remain and thin plants to 3 or 4 inches apart. Annual. Pkt. 5c; ½ oz. 25c; oz. 40c.

Blue Lace Flower A flower you cannot do without in your garden. Beautiful, large, lace-like flowers, similar to wild carrot, but of a lovely delicate azure-blue gracefully poised on long stems. Sow in the hotbed in March, and outdoors in May and again in June, and you can cut flowers until frost. Pkt. 10c; ½ oz. 75c.

Calendula (Pot Marigold). Very hardy annual; 1 foot high. Have showy double flowers blooming until frost and producing fine effect in borders.

ORANGE KING—This Calendula enjoys great popularity. Its outstandingly rich orange flowers are fully double, well rounded, and carried on fine long stems. A beautiful golden yellow color. Pkt. 10c; ½ oz. 25c; oz. 40c.

LEMON QUEEN—The color is an intense rich lemon-yellow of great brilliancy. Blooms very freely and is by far the best lemon Calendula in existence. Pkt. 10c; ½ oz. 25c; oz. 40c.

MIXED CALENDULA—All double sorts. Pkt. 5c; ½ oz. 15c; oz. 25c.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

Canterbury Bells Handsome, hardy biennial of stately growth, rich color and profuse bloom; height 2 to 3 feet. Single mixed colors. Pkt. 5c; ½ oz. 25c; oz. 40c.

Candytuft The flowers are produced in clusters in a variety of colors. Very showy for borders or massing in beds. Pkt. 5c; ½ oz. 15c; oz. 25c.

Canna Ornamental, producing clusters of large flowers of the most brilliant colors. Soak seed for a day in warm water. Mixed colors. Pkt. 5c; ½ oz. 20c; oz. 35c.

Cardinal Climber A new and brilliant colored annual climber. Flowers glowing scarlet. Vines attaining a height of from 20 to 30 feet. Pkt. 10c; ½ oz. 75c; oz. \$1.25.

Carnation The flowers are large, double and very fragrant. Mixed colors. Pkt. 10c; ½ oz. \$1.00; oz. \$1.50.

Calliopsis Showy, beautiful free-flowering annuals, excellent for cutting and massing. Mixed colors. Pkt. 5c; ½ oz. 20c; oz. 35c.

Canary Bird Vine A beautiful climber with curiously shaped little canary-colored blossoms. Tender annual. Pkt. 5c; ½ oz. 20c; oz. 35c.

Chinese Woolflower Plant grows 2 to 3 feet high; produces roundish heads like a ball of wool, of rich colors. Mixed Chinese Woolflower. Pkt. 10c; ½ oz. 75c; oz. \$1.25.

Cobea Scandens (Cup and Saucer Vine). A climber of rapid growth; large, bell-shaped flower. Pkt. 5c; ½ oz. 35c; oz. 60c.

Cockscomb Celosia The finest type of the feathered cockscomb. Hugh plumes of Crimson flowers. Dwarf sorts. Pkt. 5c; ½ oz. 75c; oz. \$1.25.

Coleus Probably the best known and most popular of ornamental foliage plants. Tender annual. Mixed colors. Pkt. 10c; ¼ oz. 75c.

Columbine Easily grown, old-fashioned perennials for borders, forming large, permanent clumps. Pkt. 5c; ½ oz. 40c; oz. 75c.

Coreopsis One of the finest hardy garden plants grown. 2 to 3 feet high, and increasing in beauty, luxuriance and floriferousness each year, though it flowers the first season from seed sown early, producing immense, long stemmed, rich yellow flowers, shaded with orange, flowering in profusion for a long period during the summer; unequalled for cutting; grows anywhere. Pkt. 5c; ½ oz. 25c; oz. 40c.

Cornflower Known as Ragged Sailor or Cornflower. It is not a pretentious plant but will always charm by its simple beauty.

SINGLE MIXED CORNFLOWER	Pkt. 5c; oz. 40c
SINGLE BLUE CORNFLOWER	Pkt. 10c; oz. 50c
SINGLE PINK CORNFLOWER	Pkt. 10c; oz. 50c
DOUBLE MIXED CORNFLOWER	Pkt. 10c; oz. 50c
DOUBLE BLUE CORNFLOWER	Pkt. 10c; oz. 50c

Cypress Vine Rapid climber, bearing an abundance of star-like flowers; fine for trellises and arbors.

RED CYPRESS VINE—Pkt. 10c; ½ oz. 35c. oz. 50.

MIXED CYPRESS VINE—Pkt. 5c ½ oz. 20c; oz. 30c.

Cynoglossum (Chinese Forget-me-Not). **AMABILE** — An annual recently introduced from China; of the easiest culture, forming strong plants 18 to 24 inches high and producing through the summer months sprays of intense blue Forget-Me-Not-like-flowers, delicately sweet scented. Pkt. 10c; ½ oz. 35c; oz. 60c.



Cosmos

Cosmos Among the garden annuals that have come into prominence in recent years the Cosmos lead all. They continue to flower late in the fall.

EARLY FLOWERING COSMOS — Mixed colors. Pkt. 5c; ½ oz. 30c; oz. 50c.

GIANT FLOWERING COSMOS — Mixed colors. Pkt. 5c; ½ oz. 25c; oz. 40c.

GIANT FLOWERING COSMOS—Pink. Pkt. 10c; ½ oz. 25c; oz. 40c.

GIANT FLOWERING COSMOS — Crimson. Pkt. 10c; ½ oz. 25c; oz. 40c.

GIANT FLOWERING COSMOS—White. Pkt. 10c; ½ oz. 25c; oz. 40c.

KLONDYKE YELLOW COSMOS—Pkt. 10c; ½ oz. 40c; oz. 75c.

DOUBLE CRESTED COSMOS—A new class producing beautiful double crested flowers, striking in appearance. Mixed colors. Pkt. 10c; ½ oz. 50c; oz. 80c.

Dahlia This strain is a decided advance on the ordinary singles. The plants are of strong, robust habits and produce in great abundance flowers of immense size, of the most bewildering variety of coloring.

DOUBLE MIXED DAHLIA—Pkt. 10c; ½ oz. \$1.00; oz. \$1.75.

SINGLE MIXED DAHLIA—Contains many desirable shades and markings. Pkt. 5c; ½ oz. 40c; oz. 75c.

Daisy They love a shady place and will reward the gardener with a mass of blooms if left undisturbed.

DOUBLE MIXED DAISY—Pkt. 10c; ½ oz. \$1.25; oz. \$2.00.

SHASTA DAISY—Pure white; gigantic; will bloom in six months from seeding. Pkt. 10c; ½ oz. 75c; oz. \$1.25.

Escholtzia (California Poppy) A genus of the poppy family. Hardy annuals; height 1 foot.

MIXED ESCHOLTZIA—All colors. Pkt. 5c; ½ oz. 20c; oz. 30c.

GOLDEN WEST ESCHOLTZIA—Flowers 3 to 5 inches across. Bright yellow with orange blotch at base of petals. Pkt. 5c; ½ oz. 20c; oz. 35c.

SALMON BEAUTY ESCHOLTZIA—A beautiful shade of glorious salmon pink. Very attractive. Pkt. 10c; ½ oz. 25c; oz. 45c.

Euphorbia (Snow on the Mountain) Used as a background for low-growing plants. The foliage is light green with white margin; 2 feet high. Pkt. 5c; ½ oz. 30c; oz. 50c.

Forget-Me-Not Six inches. Dainty elegant little plants with graceful flowers, mostly in shades of blue. Mixed—many varieties. Pkt. 5c; ½ oz. 50c; oz. 80c.

Foxglove (Digitalis) Grows to the height of 3 to 4 feet, with dense spikes of brilliantly colored flowers. Mixed colors. Pkt. 5c; ½ oz. 35c; oz. 60c.

Four O'Clock (Marvel Peru). Mixed. The flowers open about 4 o'clock in the afternoon, remaining open all night. Hardy annual; 2 feet high. Pkt. 5c; ½ oz. 10c; oz. 15c.

Gaillardia Blanket flower, showy and excellent for beds or for cutting. Hardy annual, 2 feet high, mixed. Pkt. 5c ½ oz. 45c; oz. 75c.

Globe Amaranth Bachelor's Button. A showy annual, everlasting. Flowers resemble clover heads and when dried are used for winter bouquets. Fine for bedding. Mixed colors. Pkt. 5c; ½ oz. 25c; oz. 40c.

Violet Color, a beautiful shade of violet. Pkt. 10c; ½ oz. 40c; oz. 60c.

ROSE COLOR, showy pink rose shade. Pkt. 10c; ½ oz. 40c; oz. 60c.

Godetia An attractive annual; grows 2½ feet in height; produces showy blossoms in all varied colors. Fine as a cut flower.

TALL CARMINE GODETIA—Pkt. 10c; ½ oz. 75c; oz. \$1.25.

TALL PINK GODETIA—Pkt. 10c; ½ oz. 75c; oz. \$1.25.

Gourds A tribe of climbers with curiously shaped and colored fruit. Tender annual; 10 to 20 feet high. Mixed. Pkt. 5c; ½ oz. 20c; oz. 35c.

Gypsophila (Baby's Breath) Graceful, free-flowering plant, forming a symmetrical bush, covered with loose panacles of flowers; excellent for cutting and mixing in bouquets.

ANNUAL GYPSOPHILA—Pkt. 5c; ½ oz. 15c; oz. 25c.

PERENNIAL GYPSOPHILA—Pkt. 10c; ½ oz. 50c; oz. 80c.

Helichrysum One of the best and most popular of the everlasting flowers. Large, double blooms; also called straw flowers. Mixed colors. Pkt. 5c; ½ oz. 25c; oz. 40c. Separate colors: Crimson, Pink Yellow. Pkt. 10c; ½ oz. 40c; oz. 60c.

Heliotrope Will bloom as easily from seed as any of the common annuals. Pkt. 10c; ½ oz. \$1.00; oz. \$1.50.

Hyacinth or Jack Bean A rapid-growing annual climber; mixed; all colors. Pkt. 5c; ½ oz. 10c; oz. 15c.

Hollyhocks Our seeds have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April, May or June for next year's blooming.

Double Bright RED HOLLYHOCK.....Pkt. 10c; ½ oz. 75c; oz. \$1.25

Double Clear PINK HOLLYHOCK.....Pkt. 10c; ½ oz. 75c; oz. \$1.25

Double Pure WHITE HOLLYHOCK.....Pkt. 10c; ½ oz. 75c; oz. \$1.25

Double Golden Yellow HOLLYHOCK.....Pkt. 10c; ½ oz. 75c. oz. \$1.25

Double Mixed All Color H'YHOCKS.....Pkt. 10c; ½ oz. 60c; oz. \$1.00

Ice Plant A handsome and curious plant for hanging baskets, rock work and vases. The leaves and stems appear as though covered with ice crystals. The flower is white and pink. Pkt. 5c; ½ oz. 35c; oz. 60c.

Job's Tears An ornamental grass with curious shaped seeds, which may be used as beads; height 2 to 3 feet. Pkt. 5c; ½ oz. 15c; oz. 25c.

Kochia or Summer Cypress Grows quickly from seed sown in the open ground. The bushy plants in the fall resemble balls of fire. Makes a good summer hedge. Pkt. 5c; ½ oz. 20c; oz. 35c.

Kudzu Vine A rapid growing hardy climber of great merit, growing 8 to 10 feet the first season from seed. Flowers are pea-shaped, of a rosy-purple color. Pkt. 10c; ½ oz. 50c; oz. 75c.

Lantana Popular, free-blooming plants with flower-heads of various colors. Start seeds in the house or hotbed. Tender perennial. Height, 1½ feet.

Finest hybrids mixed. Pkt. 10c; ½ oz. 40c; oz. 75c.

Larkspur For bedding, for growing among shrubbery and as cut flowers, larkspurs are strikingly beautiful. Early spring plantings will give blooms from July till frost. Height 2 feet, all double flowers.

LA FRANCE LARKSPUR—Very bright pink with large blooms. Pkt. 10c; ½ oz. 50c; oz. 75c.

LOS ANGELES LARKSPUR—A pleasing shade of salmon pink new and very desirable. Pkt. 10c; ½ oz. 50c; oz. 75c.

MISS CALIFORNIA LARKSPUR—Deep salmon pink. Pkt. 10c; ½ oz. 75c; oz. \$1.25.

SKY BLUE LARKSPUR—Pkt. 10c; ½ oz. 35c; oz. 50c.

PURE WHITE LARKSPUR—Pkt. 10c; ½ oz. 35c; oz. 50c.

ROSY SCARLET LARKSPUR—Pkt. 10c; ½ oz. 35c; oz. 50c.

SHELL PINK LARKSPUR—Pkt. 10c; ½ oz. 35c; oz. 50c.

FINEST MIXED LARKSPUR—Pkt. 5c; ½ oz. 25c; oz. 40c.

LIGHT BLUE PERENNIAL LARKSPUR—Pkt. 15c; ¼ oz. 75c.

DARK BLUE PERENNIAL LARKSPUR—Pkt. 15c; ¼ oz. 75c.

MIXED COLORS PERENNIAL LARKSPUR—Pkt. 10c; ¼ oz. 50c.



Miss California Larkspur

Lobelia A trailing variety with deep ultramarine blue flowers. Very fine for hanging baskets and boxes. Pkt. 5c; ½ oz. 60c; oz. \$1.00.

Lupinus Commonly called Texas Blue Bonnet. Very pretty blue flowers; plant grows about 12 inches high. Pkt. 10c; ½ oz. 20c; oz. 35c.

Marigold Hardy annuals, in bloom till frost comes.

ORANGE PRINCE MARIGOLD—Rich deep golden-yellow. Very large. Pkt. 10c; ½ oz. 50c; oz. 90c.

LEMON QUEEN MARIGOLD—Soft lemon-yellow; a beautiful shade. Pkt. 10c; ½ oz. 50c; oz. 90c.

GUINEA GOLD MARIGOLD—Brilliant orange with double ruffled petals. Produces flowers 2 to 2½ inches across. Pkt. 15c; ¼ oz. 75c; ½ oz. \$1.25.

TALL MIXED MARIGOLD—Immense flowers, double; primrose, lemon, orange and golden shades. Pkt. 5c; ½ oz. 25c; oz. 45c.

DWARF MIXED MARIGOLD—Fine for edging and bedding; mixed colors. Pkt. 5c; ½ oz. 30c; oz. 50c.

Mignonette A well known hardy annual, producing dense spikes of exceedingly fragrant flowers.

SWEET MIGNONETTE—Pkt. 5c; ½ oz. 15c; oz. 25c.

Moon Flower A beautiful climber, producing large, sweet-scented flowers 4 to 5 inches across. Tender annuals, 15 to 20 feet. Soak seed and plant in warm sunny place.

WHITE MOONFLOWER—Pkt. 10c; ½ oz. 25c; oz. 45c.

NOCTIFLORA—Blue Moon Flower. Large and fragrant. Pkt. 10c; ½ oz. 50c; oz. 75c.

Morning Glory A hardy climbing annual, growing about 10 feet high.

CHOICE MIXED MORNING GLORY—All colors. Pkt. 5c; oz. 10c.

JAPANESE MIXED—New Improved Japanese Convolvulus flower, measuring from 4 to 5 inches across; great variety of colors. Pkt. 5c; ½ oz. 15c; oz. 25c.

Pansies These popular flowers thrive best on a cool, moist but well drained soil, enriched with well-rotted barnyard manure or fine ground bone. Seeds sown early will produce fine plants for summer blooming.

PANSY, CHOICE—A splendid mixture of many very fine varieties. Pkt. 5c; ½ oz. 75c; oz. \$1.25.

PANSY (Mammoth Flowering, Mixed)—A special mixture of all the Giant Pansies; very fine colorings; contain an almost endless variety of shades. Pkt. 10c; ½ oz. \$1.25; oz. \$2.00.

Portulaca Also called Rose Moss. Beautiful little plants which will bloom profusely all summer. Annual, ½ foot.

SINGLE MIXED PORTULACA—Pkt. 5c; ½ oz. 35c; oz. 60c.

DOUBLE MIXED PORTULACA—Pkt. 10c; ¼ oz. 75c.

Phlox Drummondii The annual Phlox occupies first place as a garden annual, being one of the most brilliant and most satisfactory plants which can readily be grown from seed. Seed may be sown in the open ground any time after danger of frost is past.

FIREBALL—Flowers large, blood-red. Pkt. 10c; ¼ oz. 50c.

SNOWBALL—Large, clear white flower. Pkt. 10c; ¼ oz. 50c.

STAR OF QUEDLINBURG—Large flowers with curiously pointed and toothed blossoms having a star-like form, mixed colors. Pkt. 10c; ¼ oz. 50c.

CHOICE MIXED—Contains fine select varieties of this showy annual. Pkt. 5c; ½ oz. 50c; oz. 80c.

MAMMOTH FLOWERING MIXED—Pkt. 10c; ½ oz. 75c; oz. \$1.25.

PERENNIAL MIXED COLORS—Pkt. 10c; ¼ oz. 75c.

Poppies Of very easy culture and they furnish some of the most brilliant colors in the garden. Being very hardy, they can be sown as early in the spring as the ground is in working order.

FLANDERS—Vivid red, well known Poppy of Flanders. Pkt. 10c; ½ oz. 35c; oz. 50c.

DOUBLE FINE MIXED—Combination of all varieties. Pkt. 5c; ½ oz. 20c; oz. 35c.

DOUBLE CARNATION FLOWERED—Extra large and double. Pkt. 5c; ½ oz. 15c; oz. 25c.

DOUBLE PEONY FLOWERED—Mixed, double fringed. Pkt. 5c; ½ oz. 15c; oz. 25c.

SHIRLEY—Single, beautiful in colors mixed. Pkt. 5c; ½ oz. 20c; oz. 35c.

DOUBLE SHIRLEY—A new double Shirley, mixed. Pkt. 10c; ½ oz. 35c; oz. 60c.

DOUBLE SALMON ROSE—A showy rose pink color, double flowers. Pkt. 10c; ½ oz. 30c.

DOUBLE RED POPPY—Fine scarlet shade. Pkt. 10c; ½ oz. 30c.

ORIENTAL POPPY—Perennial, large deep crimson flowers. Pkt. 10c; ½ oz. 75c.



Golden Gleam Nasturtium

NASTURTIIUMS

No annual will produce such a lavish profusion of blooms for so long a time, and such variety and brilliance of color as Nasturtiums. They bloom best in poor soil; the richer the soil the fewer the blooms.

New Double Sweet-Scented Nasturtium, Golden Gleam

The plant forms a vigorous, large bush which throws out short runners, averaging eighteen inches. The flowers commence as soon as the plant nears complete development, and at the time it is in full bloom the entire plant, including the runners, is a blaze of color. The large, golden-yellow flowers average two and one-half to three inches across. They are borne on erect, stiff stems six inches in length.

When well grown the remarkable formation of the petals gives the flowers a fully double appearance which is most attractive. An ordinary sized bouquet, when allowed to remain in a room for a short period of time, will fill the room with fragrance. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.50; postpaid.

R.-H. Co.'s Giant Flowered Nasturtium

We have put into these mixtures the cream of the standard and all the newest varieties of distinct merit. The colors vary from pearly white to almost black; every intermediate color is represented, giving the richest combination of colors ever offered in Nasturtiums.

R.-H. CO.'S GIANT FLOWERED DWARF NASTURTIIUM—Mixed colors. Pkt. 10c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.25.

R.-H. CO.'S GIANT FLOWERED TALL NASTURTIIUM—Mixed colors. Pkt. 10c; oz. 15c; ¼ lb. 50c; 1 lb. \$1.25.

DWARF CHOICE MIXTURE—Contains countless shades, colors, stripes, blotches and veinings. Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 80c; postpaid.

CHOICE TALL MIXED—Large flowers, the plants producing a profusion of bloom. Pkt. 5c; oz. 10c; ¼ lb. 30c; 1 lb. 80c; postpaid.



Mammoth Flowering Petunias

MAMMOTH FLOWERING PETUNIA—Large flowering Grandiflora, all colors mixed, single fringed and ruffled. Pkt. 10c; ¼ oz. 50c; oz. \$1.25.

CHOICE SINGLE MIXED PETUNIA—Good mixture of all free-blooming colors. Pkt. 5c; ¼ oz. 25c; oz. 75c.

GIANTS OF CALIFORNIA PETUNIA MIXED COLORS—A special strain of this popular Giant flowered Petunia. The flowers measure up to 6 inches across and come in many lovely shades and markings generally beautifully veined. Pkt. 25c; ¼ oz. \$5.00.

DOUBLE MIXED PETUNIA—Will come 70 per cent double from seed. Finest mixed. Pkt. 25c.

Ricinus Zanzibariensis Leaves very large, making a brilliant luster of bright green, red and bronze colors. Grows 10 to 15 feet high. Mixed colors. Pkt. 10c; ½ oz. 15c; oz. 25c.

MIXED RICINUS—Pkt. 5c; ½ oz. 10c; oz. 15c.

Salpiglossis These annuals have showy, large, funnel-shaped flowers mottled, veined and self-colored. Mixed colors. Pkt. 5c; ½ oz. 60c; oz. \$1.00.

Salvia or Scarlet Sage A standard bedding and border plant. Start early indoors and transplant in May; or sow outdoors later in a light rich soil. Soak the seeds before planting.

CLARA BEDMAN'S—Flowers of a most brilliant scarlet. Pkt. 10c; ¼ oz. 75c; ½ oz. \$1.25.

SPLENDENS (Scarlet Sage)—The scarlet variety. Pkt. 10c; ¼ oz. 60c; ½ oz. \$1.00.

PATENS (Blue Sage)—In color this is as blue as the "Scarlet Sage" is red. Tender perennial, 2 feet. Pkt. 10c; ¼ oz. 75c; ½ oz. \$1.25.

Scabosia A very showy, hardy annual. Blooms all summer long in varieties of colors. Very easy to grow. Pkt. 5c; ½ oz. 35c; oz. 60c.

Scarlet Runner Beans A great favorite as an ornamental climber. Pkt. 5c; ½ oz. 10c; oz. 15c.

Statice Also called Sea Pinks. Annual variety mixed colors. Pkt. 10c; ½ oz. 20c; oz. 35c.

Stocks Useful annuals for bedding, borders, cut-flowers and pot culture.

LARGE FLOWERING TEN WEEKS—A fine large-flowering strain of many colors. Pkt. 10c; ½ oz. 60c; oz. \$1.00.

Sunflower Tall growing plants, with large and showy yellow flowers; hardy annuals.

DOUBLE DWARF—4 feet. Pkt. 5c; ½ oz. 25c; oz. 40c.

GLOBE OF GOLD—4½ feet. Pkt. 5c; ½ oz. 20c; oz. 35c.

DOUBLE TALL—7 feet. Pkt. 5c; ½ oz. 20c; oz. 35c.

Sweet Sultan Fairly covered with beautiful scented blooms that will keep fresh for days. Height, 2½ feet; easy to grow. Mixed colors. Pkt. 5c; ½ oz. 30c; oz. 50c.

Sweet William If sown early will bloom the following fall; fall sowings bloom the next summer. Height 1½ feet.

SINGLE—Varieties; mixed. Pkt. 5c; ½ oz. 30c; oz. 50c.

DOUBLE—Mixed; a mammoth-flowered type. Pkt. 10c; ½ oz. 35c; oz. 60c.

Petunias Petunias are one of the most popular annuals on account of their ease of cultivation and freedom of blooming, succeeding everywhere and giving a constant supply of flowers from June to October. Height 1½ feet.

BALCONY—A splendid large and free-flowering type, either for vases, hanging baskets or window boxes; flowers average 3 inches across, making a very effective display. Mixed colors. Pkt. 15c; ¼ oz. \$1.00.

COUNTESS OF ELLSMERE—Single deep rose-pink with white throat; desirable bedding variety. Pkt. 10c; ¼ oz. 50c; oz. \$1.50.

GENERAL DODD—Single, deep rich velvety-red; fine bedder. Pkt. 10c; ¼ oz. 50c; oz. \$1.50.

ROSE OF HEAVEN—Dwarf sort; compact in growth; a rich pink color. Pkt. 10c; ¼ oz. 75c; oz. \$2.50.

ROSY MORN PETUNIA—Soft carmine-pink with white throat; fine for borders, being free-flowering and showy. Pkt. 10c; ¼ oz. 75c; oz. \$2.00.

STRIPED AND BLOTCHED—Includes striped or fine mixed flowers in a wide range of colors. A fine bedder. Pkt. 10c; ¼ oz. 75c; oz. \$2.00.

VIOLET PURPLE—A beautiful shade of purple; very showy. Pkt. 10c; ¼ oz. 75c; oz. \$2.00.



Double Diadem Pinks

Pinks (Dianthus) Hardy and half-hardy biennials and perennials, but nearly all blooming the first year from seed; of easy culture.

CHINA DOUBLE MIXED—A beautiful combination of colors. Pkt. 5c; oz. 50c.

DOUBLE DIADEM—A most brilliant mixing of colors of bewildering beauty. Pkt. 5c; ½ oz. 35c; oz. 70c.

HEDDEWEIGH DOUBLE MIXED PINK—Flowers very large and double and of various shades of brilliant colors. Pkt. 5c; ½ oz. 35c; oz. 60c.

CLOVE PINK PLUMARIS—The flowers are large, borne in a great variety of colors and markings, with fringed edges; sweet-scented, spicy fragrance. They are excellent hardy plants. Pkt. 10c; ½ oz. 60c; oz. \$1.00.

PHEASANT'S EYE OR GRASS PINK—A single hardy perennial pink with light-colored flowers which have a dark center. Pkt. 10c; ½ oz. 60c; oz. \$1.00.

Thunbergia A beautiful tender climber, 3 to 5 feet high, with pale-yellow or orange-yellow flowers, having a distinct black center. Tender annual. Pkt. 10c; ½ oz. 40c; oz. 75c.

Verbena Indispensable for bedding purposes, borders and window boxes. Borne profusely from June until frost. Flowers of most brilliant colors, blooming from early summer till late fall. Soak a few hours and sow in boxes indoors, transplanting when an inch high, or sow outside in April.

CHOICE MIXED—Embraces all colors. Pkt. 5c; ½ oz. 50c; oz. 80c.

MAMMOTH FLOWERED MIXED—The clusters being of Mammoth size. Pkt. 10c; ½ oz. 75c.

MAMMOTH PINK—Pkt. 10c; ½ oz. 75c.

MAMMOTH DARK BLUE—Pkt. 10c; ½ oz. 75c.

MAMMOTH DARK PURPLE—Pkt. 10c; ½ oz. 75c.

MAMMOTH CRIMSON—Pkt. 10c; ½ oz. 75c.

MAMMOTH WHITE—Pkt. 10c; ½ oz. 75c.

Viola Also known as Tufted Pansies. Mixed colors. Pkt. 10c; ½ oz. 50c; oz. 90c.

Vinca Commonly called Periwinkle. Handsomely bushy plants, with glossy foliage and round single flowers, 1½ inches across.

VINCA—Mixed colors. Pkt. 10c; ½ oz. 60c; oz. \$1.00.

VINCA ALBA—Pure white.—Pkt. 10c; ½ oz. 75c; oz. \$1.25.

VINCA ROSEA—Pink. Pkt. 10c; ½ oz. 75c; oz. \$1.25.

Wallflower Very conspicuous in beds or borders. Single mixed. Pkt. 5c; ½ oz. 30c; oz. 50c.

Wild Cucumber Vine Ornamental climbing cucumber with curious fruit. Pkt. 5c; ½ oz. 20c; oz. 35c.

Wild Flower Garden Mixture Not a tame garden of wild flowers, but a wild garden of tame flowers. A mixture of the seeds, to be sown in a promiscuous way. Pkt. 5c; ½ oz. 15c; oz. 25c; ¼ lb. 75c; 1 lb. \$2.00.

Vigoro Prices

12 oz. pkg.	.....\$ .10
5 lb. pkg.	..... .50
10 lb. pkg.	..... .85
25 lb. bag	..... 1.50
50 lb. bag	..... 2.50
100 lb. bag	..... 4.00

Feed Roses Regularly

with this complete, balanced diet



RUSSELL-HECKLE'S ZINNIAS

Few garden annuals are more thoroughly satisfactory than Zinnias, particularly since in recent years greatly improved, larger flowering and more brilliantly colored strains have been developed. Plant early in rows 1½ to 2 feet apart and cover the seeds about ¼ inch deep, or start indoors and transplant outside when the ground is warm. Zinnias can be sown as late as July and they will produce fine large flowers in the fall.

R.-H. Co.'s Giant Zinnias

In this strain of Zinnias we have a flower of perfect form, round, full, double and immense in size. The individual plants form large bushes and bear above the foliage numerous flowers on long, stiff stems, which makes them valuable for cutting and will render them a favorite wherever tried. The plants grow 2½ to 3 feet high, while the flowers often measure 5 to 6 inches across.

Price, any of the following varieties uniform, as follows: Pkt. 10c; 3 pkts. 25c; ½ oz. 50c; oz. 75c; postpaid.

GIANT SHRIMP PINK
GIANT LAVENDER
GIANT CRIMSON
GIANT WHITE
GIANT ORANGE
GIANT SCARLET

GIANT PINK
GIANT YELLOW
GIANT PURPLE
GIANT MIXED

SPECIAL OFFER

One 10c pkt. of each of above 10 varieties, only 60c.

One ½ oz. pkt. of each of above 10 varieties, only \$2.50; postpaid.

R.-H. Co.'s Double Dahlia-Flowered Zinnias

This new giant flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative Dahlia.

Price of any of the following 14 varieties of Dahlia-Flowered Zinnias: Pkt. 15c; 6 pkts. 75c; ½ oz. \$1.00; 1 oz. \$1.50; postpaid.

BUTTERCUP—An immense deep creamy yellow flower.

CANARY BIRD—A delicate shade of primrose. Very large, holding its color well until out of bloom. A free bloomer.

CRIMSON MONARCH—Immense size, bright crimson-scarlet.

DREAM—A fine deep lavender, turning to purple. A rare and extremely pleasing shade.

EXQUISITE—A pleasing shade of rose color, one of the finest pinks.

GIANT ATTRACTION—A distinct shade of brick-red which carries its color well from the bud, and forms into an immense ball of color when in full bloom.

GOLDEN STATE—Rich golden-yellow, shading to orange as the flower opens.

ILLUMINATION—Very bright red, large and showy.

LUMINOSA—An entirely new shade. A charming bright deep pink, suffused with salmon.

OLD ROSE—A beautiful dark salmon-red or old rose.

ORIOLE—An immense orange and gold bi-color. A very unusual and beautiful variety.

POLAR BEAR—Extra large, pure white; no other variety will equal same.

PURPLE PRINCE—Fine deep purple, large and well formed. New color in Dahlia type Zinnias.

SCARLET FLAME—A large, beautiful, bright scarlet with a blending of orange throughout the petal.

SPECIAL OFFER

Fourteen varieties of Dahlia-Flowered Zinnias, one packet each of the above named varieties Dahlia-Flowered Zinnias. Regular value \$2.10, for only \$1.45, postpaid.

RUSSELL - HECKLE'S SPECIAL MIXED DAHLIA - FLOWERED ZINNIA—Our special mixture of this new type of Zinnia is made up from the separate colors. The brilliancy of color and the giant size of the flowers will appeal to those wishing the best. Pkt. 10c; 3 pkts. 25c; ½ oz. 75c; 1 oz. \$1.25, postpaid.



R.-H. Co.'s Crown o' Gold Zinnia

Crown O' Gold Mixed Zinnia

This new Dahlia-Flowered Zinnia is simply indescribable. Each petal of the flower is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. The effect is a pleasing two-tone color harmony, especially lovely and scintillating under artificial light. The color range comprises the more popular shades, including old rose, cream, yellow, carmine, pink and burnishing red, the latter a new shade in Zinnias.

To those seeking the latest and best introduction in Zinnias we highly recommend Bodger's New Crown o' Gold Mixed Zinnia.

Pkt. 15c; ¼ oz. 75c; ½ oz. \$1.25; 1 oz. \$2.00; postpaid.

EARLY WONDER DWARF ZINNIA—This is one of the first of a new race of dwarf or pumila type Zinnias from the house of Bodgers, who have brought about the best in the way of this most popular flower.

The Early Wonder Dwarf Zinnia produces masses of pumila type of flowers on long stems, making it desirable as a cut flower. Fiery Salmon Cerise Wonder Zinnia, packet 25c; ¼ oz. \$1.00.

California Giant Mammoth Zinnia

Still another new type, larger and a cross between the Colossal and Dahlia-Flowered Zinnia. Price: Any following varieties, pkt. 10c; ¼ oz. 50c; oz. \$1.50 parcel post paid.

CALIFORNIA GIANT MIXED—All shades.
PURITY—Snow white.
ENCHANTRESS—Rose-pink.
CERISE QUEEN—Cerise red.

MISS WILMOTT—Bright pink.
ORANGE KING—Deep orange.
SCARLET GEM—Deep red.

SPECIAL OFFER

One packet of each of above seven California Giant Zinnias; only 50c; postpaid.

Lilliput or Pompon Zinnia

These are an improvement over the Dwarf Double Zinnia. The plant is robust but Dwarf, growing only about 1 foot in height, bearing in profusion densely double pompon shaped blooms.

GOLDEN GEM — Yellow
Pkt. 10c; ¼ oz. 50c; oz. \$1.25

SCARLET GEM — Bright red
Pkt. 10c; ¼ oz. 50c; oz. \$1.25

SALMON ROSE — Pink shade
Pkt. 10c; ¼ oz. 50c; oz. \$1.25

WHITE GEM — Snow white
Pkt. 10c; ¼ oz. 50c; oz. \$1.25

MIXED LILLIPUT
Pkt. 10c; ¼ oz. 50c; oz. \$1.00

Double Curled or Crested Zinnias

A fine strain with large, double flowers of perfect form; petals twisted, curled and crested into fantastic and graceful forms. Pkt. 10c; ¼ oz. 40c; ½ oz. 75c.

Double Picotee Zinnias, Mixed

For variety this mixture of the Picotee type is unusually good. It contains large-flowering plants only, in many exquisite colors, each flower petal being tipped with a contrasting color. Free flowering plants 2 feet tall. Pkt. 10c; ½ oz. 60c; oz. \$1.00.

Choice Double Tall Mixed Zinnia

Embracing all the variously colored double varieties, making an elegant mixture for groups, beds, borders, etc. Pkt. 5c; ½ oz. 30c; oz. 50c.



R.-H. Co.'s Dahlia-Flowered Zinnia

SPRING FLOWERING BULBS

DAHLIAS

The Dahlia deserves a place in every garden, much more so than it did twenty years ago; with the new varieties added each season and the extraordinary array of colors which they possess, the time must come when every lover of flowers will always have a few, if not large tracts of these beautiful Summer and Fall flowers.

TIME OF PLANTING—The time for planting Dahlias varies, quite a good deal, according to the locality. In the Southern states tubers may be set out as early as April 1st, and from then until the middle of May.

Some of our best blooms have been grown from tubers planted out about June 20. Dahlias should be planted from 2½ to 3 feet apart and covered to a depth of four inches.

New and Rare Dahlias

CITY OR TRENTON—Beautiful reddish apricot with rose suffusion. Flower decorative type of immense size. Each 75c; by mail 85c.

FORT MONMOUTH—One of the giants of the Dahlia world. Decorative type. The color is a rich crimson maroon; the flowers are borne on long stiff stems high above the foliage. Each, 75c; by mail 85c.

KATHLEEN NORRIS—One of the greatest rare pink decorative Dahlias in commerce today. A giant in size, good bloomer and an excellent keeper. Each, 90c; by mail \$1.

MARGARET WOODROW WILSON—Very large in size; the stems are ideal and it is a profuse bloomer. This decorative Dahlia is a beautiful shade of rosy red, reverse of petals shaded silver. Each, 50c; by mail, 60c.

THE CLANSMAN—The immense blooms are a giant orange copper, a dazzling color, showy and attractive, of decorative class. Each, 75c; by mail, 85c.

AMBASSADOR—This is a fine cactus Dahlia; color a soft yellow at the center, salmon with amber and pink shadings. Each, 50c; by mail, 60c.

ROMAN EAGLE—Burnished copper. A grand decorative Dahlia of large size, fine for cutting as it makes a great show. Each, 60c; by mail, 70c.

JANE COWL—A real exhibition decorative variety of immense size, of golden buff and old gold blending to apricot and rose at center. A fine showy Dahlia. Each, 50c; by mail, 60c.

SPECIAL OFFER

One each of above 8 rare Dahlia bulbs, regular value \$5.25, for \$4.20; by mail, \$4.40.

CULTURE—Gladioli will thrive in almost any good soil except a stiff clay. They require full sunlight and are liable to injury only from rank manure. Plant the bulbs 6 to 9 inches apart, the large ones 4 inches and the small ones 2 inches deep. Make an early planting of the smallest bulbs first as soon as the ground is sufficiently dry and warm. Continue to plant at intervals of two weeks during the spring and early summer; in this way a succession of bloom may be had from mid-summer until frost.

AMERICA—Soft lavender pink. Doz. 45c; 100 \$2.50; postpaid. Not prepaid, doz. 35c; 100 \$2.25.

ANNA EBERIUS—Dark velvety-purple. Doz. 50c; 100 \$2.75. Not prepaid, doz. 40c; 100 \$2.50.

BARON HULOT—Rich violet-blue. Doz. 60c; 100 \$3.75; postpaid. Not prepaid, doz. 50c; 100 \$3.50.

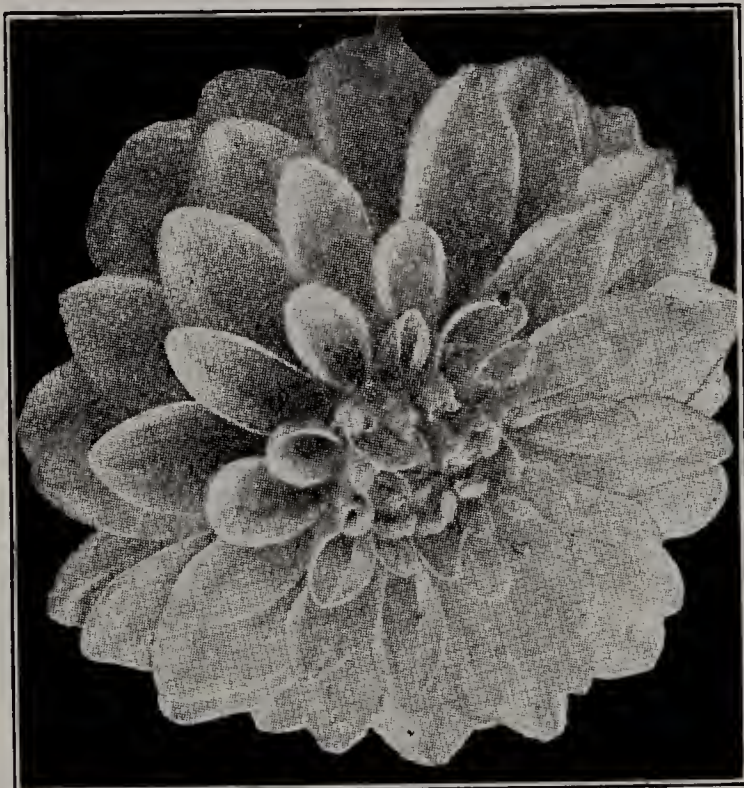
CHICAGO WHITE—White with lavender markings in throat. Doz. 45c; 100 \$2.50; postpaid. Not prepaid, doz. 35c; 100 \$2.25.

EVELYN KIRTLAND—Beautiful rosy-pink with scarlet blotch on lower petals. Very showy. Doz. 50c; 100 \$2.75; postpaid. Not prepaid, doz. 40c; 100 \$2.50.

E. J. SHALOR—Beautiful rose-pink, slightly ruffled. Doz. 45c; 100 \$2.50; postpaid. Not prepaid, doz. 35c; 100 \$2.25.

GOLDEN MEASURE—Rich yellow, large flowering. Doz. 55c; 100 \$3.50; postpaid. Not prepaid, doz. 45c; 100 \$3.25.

HALLEY—Delicate rose, with a white blotch. Doz. 45c; 100 \$2.50; postpaid. Not prepaid, doz. 35c; 100 \$2.25.



Kathleen Norris Dahlia

Favorite Dahlias

CANTEEN—Large soft rose pink. A true decorative showy variety. Each, 25c; by mail, 35c.

DELIGHTED—A splendid giant waxy white decorative variety. Produces a most perfectly shaped flower. Each, 20c; by mail, 30c.

JERSEY BEAUTY—Beautiful pink with a silver sheen. A decorative pink shade that will please you. Each, 25c; by mail, 35c.

JAPPA—Salmon rose suffused with apricot and gold. Decorative variety. Each, 25c; by mail, 35c.

KITTY DUNLAP—Large perfect decorative; rich carmine rose shade, free bloomer. Each 20c; mailed 30c.

JERSEY BEACON—Chinese Scarlet. An exhibition decorative variety that always attracts attention. Of vigorous growth and excellent stem. Each, 30c; by mail, 40c.

MRS. I. DE VER WARNER—Mauve pink of perfect form. A leader among the decorative varieties. Each, 20c; by mail, 30c.

PATRICK O'MARA—Good size, rich chrome yellow flowers with red suffusion; decorative. Each, 25c; by mail, 35c.

SQUARE DEAL—Decorative salmon pink. A most pleasing shade and perfectly formed flower. Each, 20c; by mail, 30c.

HALO—Sulphur white; a most attractive decorative variety of good size. Each, 35c; by mail, 45c.

SPECIAL OFFER

One each of above 10 Favorite Dahlias, regular value, \$2.45, specially priced for \$1.85; by mail, \$2.00.

Separate Color Dahlias

Each, 10c; 12 for \$1.00.

By mail, each, 15c; 12 for \$1.20.

Double Pink	Double Purple
Double Red	Double Yellow
Double White	Double Lavender

GLADIOLUS



Mrs. Frank Pendleton Gladiolus

LOS ANGELES—Shrimp pink with orange throat. Doz. 50c; 100 \$2.75; postpaid. Not prepaid, doz. 40c; 100 \$2.50.

LOUISE—Beautiful lavender shade. Doz. 50c; 100 \$2.75; postpaid. Not prepaid, doz. 40c; 100 \$2.50.

MRS. FRANCIS KING—Produces immense flamingo-pink. Doz. 45c; 100 \$2.50; postpaid. Not prepaid, doz. 35c; 100 \$2.25.

PANAMA—Darker pink than America. Doz. 50c; 100 \$2.75; postpaid. Not prepaid, doz. 40c; 100 \$2.50.

MRS. FRANK PENDLETON—Flushed salmon-pink. Doz. 45c; 100 \$2.75; postpaid. Not prepaid, doz. 35c; 100 \$2.50.

SCHWABEN—Pure canary yellow, shaded sulphur-yellow. Doz. 50c; 100 \$2.75; postpaid. Not prepaid, doz. 40c; 100 \$2.50.

VIRGINIA—Rich, dazzling scarlet. Doz. 50c; 100 \$2.75; postpaid. Not prepaid, doz. 40c; 100 \$2.50.

SPECIAL OFFER OF GLADIOLUS BULBS

Above 15 varieties postpaid on receipt of price—2 each, 15 varieties, 30 bulbs, \$1.00; 4 each, 15 varieties, 60 bulbs, \$1.90; 6 each, 15 varieties, 90 bulbs, \$2.70.

MIXED GLADIOLUS BULBS

R.-H. CO.'S GIANT FLOWERING MIXED—Made up from the best named sorts and comprises almost every shade in existence. This mixture is the finest Gladiolus that can be obtained from any source. Doz. 40c; 100 \$2.25; postpaid. Not prepaid, doz. 30c; 100 \$2.00; 500 \$8.00.

PEONIES

Adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubby border. An important point to observe in the planting of Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering. Prices all varieties uniform as follows. Each, 30c; 12 for \$3.00; by mail, each, 40c; 12 for \$3.35.



Peonies

ALBERT CROUSSE—Fine shell pink; free bloomer and beautiful.

EUDULUS SUPERBA—Very early, bright clear pink, called the Decoration Day Peony.

FESTIVA MAXIMA—This is the finest white.

FELIX CROUSSE—Dazzling ruby red, large.

KARL ROSENFELD—Velvety-crimson, blooms of semi-rose type, very showy, beautiful flower.

COURONNE D'OR—Large white with cream yellow center and a ring of yellow stamens.

MADAM CALOT—Blush white with silvery pink. Early and a free bloomer.

MONS JULES ELIE—Glossy lilac pink, fragrant. A wonderful fine bloomer.

SPECIAL OFFER

One each of the above eight named Peonies, regular price \$2.80, sent postpaid on receipt of \$2.25.

PEONIES TO COLOR

Double Pink	Each, 20c; 12 for \$2.00
Double Red	Each, 20c; 12 for \$2.00
Double White	Each, 20c; 12 for \$2.00

By mail 5c each, 25c per dozen extra.

Amaryllis The Amaryllis produces showy flowers that are handsome and very attractive, resembling Lilies. The most suitable soil is good loam, with one-fourth part of leaf-mold, or pulverized manure, and some sand. Good drainage is very important. The growing season is from early spring until about September, when the plants should be kept cool and allowed to rest until February.

AMARYLLIS JOHNSONII—Crimson flower, each petal striped white. Small bulbs, each, 20c; 6 for \$1.00; by mail, each, 25c; 6 for \$1.40. Larger bulbs, each 30c; 6 for \$1.50; by mail, each 35c; 6 for \$1.75.

Montbretias These are quite hardy and should be planted in early spring. They are easily grown, and their graceful flowers add much to the flower garden. Our mixture contains many bright shades of yellow, salmon, orange and scarlet. Each, 15c; 12 for \$1.50; by mail, each, 20c; 12 for \$1.75.

TOP NOTCH ROSE COLLECTION

10 TWO-YEAR NO. 1 GRADE ROSE BUSHES—Regular value, \$4.40. Specially priced, only \$2.75; by mail, \$3.10. Sent direct from nursery.

American Beauty—Deep rosy pink, wonderfully fragrant.

Kaiserine Augusta Victoria—Pure creamy white, splendid large buds.

Hadley—Bright velvety crimson, does not fade.

Dame Edith Helen—Cream pink, deepening to deeper pink.

Lady Hillingdon—Dainty slender buds, golden apricot.

Ophelia—Exquisite shade of rosy salmon.

Mrs. Chas. Bell—Soft shell pink, free bloomer.

Wilhelm Kordes—Coppery yellow tinted rose, fragrant.

Souv. Georges Pernet—Indian red with orange pink.

Talisman—Deep yellow with shadings of pink and scarlet.

TUBEROSES

DOUBLE PEARL TUBEROSE—Plant in open ground in April or as soon as the ground becomes warm. Plant bulbs every three weeks for a succession of blooms all summer. Doz. 45c; 100 \$2.85; postpaid. Not prepaid, doz. 35c; 100 \$2.50.

ARMSTRONG'S EVERBLOOMING TUBEROSE—A single sweet-scented early-blooming variety; blooms longer than the double. Doz. 45c; 100 \$2.85; postpaid. Not prepaid, doz. 35c; 100 \$2.50.

FALL BULBS

Our Fall Catalog and Price List will be ready in September. We import direct from growers a very select stock of Dutch Hyacinths, Tulips, Narcissus, Crocus, etc. Don't fail to write for a copy of Fall Catalog.



CANNA BULBS

Double Pearl Tuberoses

HUNGARIA—The new pink Canna with green foliage, a beautiful shade of rose-pink; 4 feet. Each, 15c; doz. \$1.00; postpaid. Not prepaid, each 10c; doz. 85c; 100 \$6.00.

KING HUMBERT—Orange-scarlet, bronze foliage, 4 feet. Each, 10c; doz. 70c; postpaid. Not prepaid, each, 7c; doz. 60c; 100 \$4.00.

THE PRESIDENT—Bright crimson, very large flower, deep green foliage; 4 feet. Each, 10c; doz. 70c; postpaid. Not prepaid, each, 7c; doz. 60c; 100 \$4.00.

YELLOW KING HUMBERT—Yellow dotted red, green foliage, height 4 feet. Each, 10c; doz. 70c; postpaid. Not prepaid, each, 7c; doz. 60c; 100, \$4.00.

SPECIAL OFFER

30 Canna Bulbs, only \$1.50.

Ten each, Hungaria, President and King Humbert; regular value \$2.00. Special offer \$1.50; postpaid.

LILIES

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Select well-drained spot, dig the soil deep and make it fine, enriching it abundantly with well-rotted cow manure, adding a liberal mixture of sand. Set the bulbs from 5 to 7 inches deep.

LILIUM AURATUM—(The Golden Band Lily of Japan)—The flowers are pure white, while through the center of each petal runs a clear golden band. Each, 45c; doz. \$3.90; postpaid. Not prepaid, each 35c; doz. \$3.60.

LILIUM RUBRUM—Petals are thickly dotted with rose or crimson spots and of graceful form and brilliant color. Each, 45c; doz. \$3.90; postpaid. Not prepaid, each, 35c; doz. \$3.60.

REGAL LILY—A real beauty, with large white flowers shading to yellow in the center, with a faint tinge of pink at the edges. Each, 35c; doz. \$2.85; postpaid. Not prepaid, each, 25c; doz. \$2.50.

TIGER LILIES—Bright orange and red, spotted black. Very showy. Each, 15c; doz. \$1.50; by mail, each, 20c; doz. \$1.70.

Caladiums or "Elephant Ears"

CALADIUMS—Caladiums are most effective plants in cultivation for beds or for planting out upon the lawn. Small bulbs, each, 10c; doz. 70c; postpaid. Not prepaid, by express, each, 5c; doz. 50c.

Large bulbs, each, 15c; doz. \$1.25; postpaid. Not prepaid, by express, each, 10c; doz. \$1.00.

Mammoth bulbs, each, 30c; doz. \$2.40; postpaid. Not prepaid, by express, each 20c; doz. \$2.00.

Maderia Vine A favorite climber with dense shiny green foliage and of rapid growth. Succeeds in almost any location. Vines run 25 to 30 feet. Each, 10c; doz. 75c; by mail, each, 15c; doz. 90c.

SURPRISE ROSE COLLECTION

10 TWO-YEAR NO. 1 GRADE ROSE BUSHES—Regular value, \$4.20. Specially priced, \$2.60; by mail, \$2.85. Sent direct from nursery.

E. G. Hill—Very large, deep richest red.

Gen. Jacqueminot—Bright crimson, fragrant, free blooming.

J. J. L. Mock—Deep bright pink, reverse petals silver pink.

La France—Buds large and full, clear silvery pink.

Luxembourg—Deep bronze yellow, full and lovely.

Mad. Car. Testout—An old favorite, clear soft pink.

Mme. Butterfly—Silver pink, tinted salmon and cream.

Premier—Good size rich dark pink, fragrant.

Radiance—One of the most dependable pink roses.

Marechal Niel—Magnificent deep golden yellow, fragrant.

Everything You Grow Needs Plant Food!

Your lawn, flowers, vegetable garden, shrubs, and trees—yes, everything you plant—needs nourishment—a balanced ration. Most soils have been depleted of available plant food. That is why you must add plant food to the soil if your gardening efforts are to be successful.

We recommend that you feed everything with Vigoro. It is the complete plant food made by Swift & Company, containing, in a balanced form, all of the plant food elements plants must get from the soil. It encourages root growth as well as top growth, and when fed regularly to the lawn it helps produce humus in the soil.

Use Vigoro this year and achieve real gardening success. It's economical—4 pounds feeds 100 square feet of gardening area.

100 lbs. \$ 4.00	50 lbs. \$ 2.50	25 lbs. \$ 1.50
10 lbs. .85	5 lbs. .50	12 oz. .10

Prices f.o.b. Memphis

VIGORO

Complete plant food



RUSSELL-HECKLE'S LAWN GRASS SEED

Spade or plow ground to the depth of 8 inches. Afterwards harrow or rake carefully, pulverize all lumps and remove all large stones. If the soil is shallow, procure a supply of fine mold and spread over the surface to a depth of 5 inches. Soil may be enriched by bone meal or well-rotted manure wherever necessary, then rake level and roll the soil well to make a solid bottom. Scatter the seed evenly over the surface at the rate of 60 or 75 pounds to the acre. Rake seed in and roll, water regularly and carefully, as the soil is liable to dry out in the heat of the day, and if it does while the seed is germinating it will invariably perish. When the grass is 3 inches high it should be cut and rolled, and repeat until the grass has become firm. Should bare spots appear, rake the surface and sow more seed.

Evergreen Lawn Grass Our Evergreen Lawn Grass is a mixture of grasses that are adapted to lawn making, and contains none of the coarse grasses nor those that grow in tufts or clumps. No one grass makes an ideal lawn grass, so we have put into our Evergreen a well-balanced mixture of grasses that are at their best during different months of the year, will give a beautiful green growth at all seasons, and will make a rich, deep green, velvety lawn in as short time as possible. By mail, postpaid, 1 lb. 40c.

Quantity Prices on Green Ink List

Shady Spot Lawn Grass Only a few grasses will grow satisfactorily in the shade. Among the grasses best adapted to this purpose are Poa Trivialis and Red Fescue. These grasses should be the base of all mixtures for shady lawns and woods. Shady Spot Lawn Grass contains a large proportion of these two grasses besides other adapted turf-making grasses that will blend and make a thick velvety sod. By mail, postpaid, 1 lb. 50c.

Quantity Prices on Green Ink List

Kentucky Blue Grass Adapted for shady locations, and requires rich soil. It will do well where lime is used in the ground. Fine for lawns, also for pasture, where soil is suitable. Sow in February, March and April, also in the fall. One pound sows 20 by 20 feet, or 400 square feet; 80 to 100 pounds to the acre. 1 lb 35c; postpaid.

Quantity Prices on Green Ink List

Poa Trivialis For Shady Locations. A fibrous rooted perennial grass that is valuable on account of its quick growth and ability to grow in the shade under trees, etc. It starts early in the spring and continues green till late in the fall. 1 lb. 60c; postpaid.

Quantity Prices on Green Ink List

Bermuda Grass This variety is strictly a hot weather grass. Sow in the spring of the year, when the ground becomes warm, or any time in the summer, using one pound of seed to a space 10 by 50 feet. A beautiful green lawn can be obtained from the seed much cheaper than by sodding. 1 lb. 45c; postpaid.

Quantity Prices on Green Ink List

Winter Rye Grass For winter lawns. This grass is becoming more popular each year. When sown in the fall, which is the proper season, Domestic Rye Grass remains green all through the winter. Sown on top of Bermuda in October or November. For lawns use 1 lb. to 10 by 20 feet. 1 lb. 25c; postpaid.

Quantity Prices on Green Ink List

Sunny South Lawn Grass This mixture is the result of a close and intimate study of grasses suited to lawn making and such as are adapted to Southern soils and climate. 1 lb. 45c; postpaid.

Quantity Prices on Green Ink List

Renewing Old Lawns A lawn can be kept thick and flourishing if at intervals the soil is stirred with a sharp rake and more seeds sown. This should be done just after the grass has been cut, or during a rainy spell. If rolled immediately after sowing, the seeds will be better covered. Every spring and fall fresh seeds should be sown over the lawn to fill in bare spots and thicken the growth.

Quantity Prices on Green Ink List

FREE--Garden Trowel or Weeder--FREE

With any cash order to the value of \$2.00 or more we will send you free either a Hand Garden Trowel or Garden Weeder. A well-made, serviceable necessity in garden work. Advise which one you prefer.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

RUSSELL-HECKLE'S GRASS SEEDS

How to Plant In planting grass seeds the land should first be thoroughly cultivated and pulverized. The seed may then be scattered by hand or with a hand-seeder, such as described in this catalogue. A harrow or rake should then be used, which will mix the seeds with the soil so they will be covered about one-quarter inch deep. If not convenient to sprinkle, the planting should be done when there is a good season in the ground, and land rolled or dragged after harrowing. This will pack the soil so the moisture will be saved from evaporation and thus cause the seed to germinate, and to nurture the grass until it establishes a good root system.

Sudan Grass (A Wonderfully Quick-Growing Summer Hay Grass)—Yields two or more cuttings to season. Makes a bigger and better crop than Millet. It stools out wonderfully after the first cutting. Stock eat it up clean—blades, stalks and heads. A wonderful summer catch crop for hay. A sure hay crop in a dry season. Ready to cut in about 45 days after the first cutting.

Sow it after the ground becomes thoroughly warm, say after corn planting time. It may be sown either with a grain drill or in rows two feet apart, and cultivated like corn. When sown in rows it grows 6 to 7 feet high; when sown broadcast the hay is finer and rather better than when grown in rows. Cut when in bloom, for at that stage the feeding value is highest, yet there are few grasses so little injured by standing beyond the proper stage for cutting.

Sow 6 to 8 pounds to the acre in 2-foot rows; 25 to 30 pounds broadcast. By mail, 1 lb. 20c; postpaid.

Quantity Prices on Green Ink List

Dallas Grass Sow eight to ten pounds to the acre. Has given splendid results in the South. It is an ideal grass for dairy farmers, as it produces enormous quantities of fresh, green, juicy feed during the hottest weather. Germinates slowly and requires from three to four weeks of warm, moist weather to sprout. Plant from November to March, 8 pounds per acre. 1 lb. 45c; postpaid.

Quantity prices on Green Ink List.

Orchard Grass

A most valuable grass for pasture and hay lands and on account of its earliness very valuable for permanent pastures, as it furnishes the first green bite in the spring and the last in the fall; is quick to recover from close cropping and even thrives better the more it is cropped. Gives rich pasture till late in the fall. It will stand the drought. It is well suited for shady places, such as orchards and groves. Richer feed than Timothy and outlives it. Sow 21 pounds per acre. 1 lb. 35c; postpaid.

QUANTITY
PRICES
ON
GREEN
INK
LIST



Harvesting a Good Hay Crop

Red Top or Herd's Grass This grass makes excellent pasturage and good crop fine quality hay, and succeeds on a greater variety of soils than any other in general use. The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for Timothy and Kentucky Blue Grass. It is a good variety to sow with Timothy and Clover for meadow or pasture and is more permanent than either of the other two. On good soil it grows about two feet high; on poor, gravelly land about half that height. It has been grown successfully even on alkali land where other grasses failed. Red Top should be extensively grown, especially with other grasses. It requires about 8 to 10 pounds to seed an acre of the Fancy Clean seed. When sowing with Timothy, sow 6 pounds of the Fancy Cleaned and 8 pounds of Timothy per acre. It can be sown either in the Spring or Fall. 1 lb. 30c; postpaid.

Quantity Prices on Green Ink List

Timothy Twelve to fifteen pounds to the acre. As a crop for hay, Timothy is probably unsurpassed by any other grass. The largest crops of hay are raised on rich land. It is not suited for light, sandy soil as well as some other grasses. 1 lb. 20c; postpaid.

Quantity Prices on Green Ink List

Our Permanent Grass Mixtures are composed principally of grasses which ripen together for cutting; but they also contain other grasses which will also add very much to the pasturage yield, in case it is desired to use the fields for pasturage. These grass mixtures afford splendid crops of hay of the finest quality and highest feeding value, and after being cut will give continuous and abundant pasturage till winter comes. May be used for hay exclusively, or for hay and pasturage as needed.

Carpet Grass An extensively creeping pale-green grass, rooting at the nodes, every few inches, and sending up numerous succulent tender stems, or branches, 6 to 24 inches high. These continuous new crops of stems, although trampled or eaten down weekly, will continue to shoot out and make a bountiful green carpet lawn, or grazing until the temperature gets down to ZERO. A few bushels sown over a washing hillside will in a short time stop washing, leaching and soil erosion—at the same time producing bountiful grazing under the most adverse conditions on soils uncultivable and otherwise useless. It's not a PEST like Bermuda or Johnson grass, and one cultivation or turning under eliminates it. Besides this, it can readily be sown over other PASTURES, HAY MEADOWS OR FALL GRAIN, from March to June, without affecting the other hay or grain crops. The grazing value of CARPET GRASS is the same as "Kentucky Blue Grass," and its hay cures beautifully and bright with 24 hours sunning, and runs 13% in protein. Sow 20 lbs. to the acre. 1 lb. 35c; postpaid.

Quantity Prices on Green Ink List

Cyclone Broadcast Seed Sower

Will sow Timothy, Clover, Oats, Rye, Wheat, Millet, Grass Seeds, Peas, Sorghums, etc. Distributes evenly, works perfectly; has an agitating feed plate which insures a uniform flow of seed. Price, each \$1.85; by parcel post, \$2.10.

Bermuda Grass

Bermuda de-lights in sunshine and warmth. It is extensively used in this section for levee work and pasture. It is a small, creeping, hardy perennial, which thrives on nearly all our soils, even growing on many of our poorer, thin, sandy soils.

The seed should be planted in April, May or June. Seed requires 20 to 30 days to germinate. The ground should be well prepared with a good firm seed bed, and seed broadcast at the rate of ten pounds per acre. Do not cover more than half an inch. The seeding should not be done too early, as the seed will not germinate if sown before the weather and ground become warm. 1 lb. 45c, postpaid.

Russell-Heckle's Pasture and Grass Mixture

PERMANENT GRASS MIXTURE No. 1—For Hay or Pasture; recommended for light, loamy or medium upland, for either hay crop or grazing purposes. Composed of Orchard Grass, Perennial Rye Grass, Tall Meadow Oat Grass, Red Clover, Alfalfa, etc. These Grasses mature and ripen together, making a splendid hay. Sow 30 to 35 pounds to the acre. 1 lb. 25c, postpaid.

Quantity prices on Green Ink List.
PERMANENT GRASS MIXTURE No. 2—Intended for good moist soils, also for grazing as well as hay. Sow 25 pounds per acre. This is intended for the average soil. Use more seed where land is drier. If stock does not keep down to six or ten inches, use the mower to do so. Do not pasture too closely. This is well suited for "patching" your present pasture by disking or harrowing in. 1 lb. 25c, postpaid. **Quantity prices on Green Ink List.**

PERMANENT HOG MIXTURE—Especially prepared for pasturing hogs. Composed of Red Clover, Red Top Grass, Orchard Grass, Alsike Clover, Rape, etc. This will help you to carry your hogs through the summer and fall at small cost. Sow in February, March and April, also fall, at rate of 20 lbs. per acre. 1 lb. 30c, postpaid. **Quantity prices on Green Ink List.**

CHICKEN PASTURE MIXTURE—A splendid mixture of grains, clover and grasses for green feed for chicken runs. Sow in February, March and September at the rate of 30 pounds to the acre. 1 lb. 20c; postpaid. **Quantity prices on Green Ink List.**

TIMOTHY AND ALSIKE MIXED—Suitable mixture for wet lands, furnishing good pasture and hay. Sow in early spring and fall, 15 pounds of the mixed seed per acre. 1 lb. 25c, postpaid. **Quantity prices on Green Ink List.**

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED



Guaranteed Fresh each Year.
Leads in High Germ Count

NITRAGIN INOCULATION PRICES

When ordering, always specify
kind of seed.

Alfalfa, all Clovers

Size	Retail
1/2 bu.	\$.50
1 bu. ....	.90
5 bu.	4.00

Peas, Vetch, Beans, Austrian Winter Peas

Size	Retail
1/2 bu.	\$.40
1 bu. ....	.60
*1-2/3 bu. ....	.90
5 bu.	2.50

*"100 lb. size." Packed
only for Vetch and
Aust. Pea.

Soy Beans, Cow Peas Lespedeza (Hulled)

Size	Retail
1 bu.	\$.40
2 bu. ....	.70
5 bu.	1.50
10 bu.	2.50

Garden NITRAGIN for Peas, Beans, Sweet Peas

Inoculates from 1 oz.
to 8 lbs. seed,
Price 25c

**ALWAYS LOOK ON THE LABEL for the
GERM COUNT, yearly Expiration DATE and the PRICE**

INOCULATE your legumes

Alfalfa, clovers, soy beans, cow peas, vetch, peas, lespedeza, beans
with



COSTS YOU FAR LESS

When you buy NITRAGIN you buy *billions* of fresh Legume Germs—not just a package of inoculation. You cannot see the Germs, but NITRAGIN is the only inoculant sold that actually guarantees the number packed in each container.

PLAY SAFE—USE NITRAGIN

The Germ Count and the Expiration Date on the label of every can gives you double protection. NITRAGIN is *always* reliable. Buying a cheap Inoculant by price on package only is a gamble. Like cheap seed, cheap inoculants are by far the most expensive.

NITRAGIN IS EASY TO APPLY WITH OR WITHOUT WATER

NITRAGIN is a granular *moist* soil-like culture packed in tins. Directions on every can. If mixed well can be applied to seed without water and good inoculation will result. However any inoculation will give more uniform results when water is used as recommended by agricultural authorities.

*Remember NITRAGIN can do anything claimed by
other inoculants—and do it BETTER and CHEAPER.*

NITRAGIN HAS SERVED THE AMERICAN FARMER SINCE 1898

All Legumes Should Be Inoculated with

LEADING agricultural authorities and successful farmers everywhere use and recommend inoculation of all legume seed. Use HUMOGERM for increased yield, finer crops and richer soil. HUMOGERM contains billions of high bred nitrogen-fixing bacteria specially prepared for

All Clovers, Alfalfa, Vetch, Soy Beans, Cow Peas, Peanuts, Garden Peas, Beans, Sweet Peas

These selected strains help the plant develop heavier clusters of nodules on their roots and store the nitrogen taken from the air instead of the soil. HUMOGERM is the cheapest "fertilizer" you can buy for any plants of the legume family.

LOW IN PRICE — HIGH IN QUALITY

This superior inoculant prepared by the exclusive Earp-Thomas Process supplies a higher percentage of nitrogen for the plants. HUMOGERM cultures are stronger because of the method used to produce them. They are the only humus cultures packed in sterilized humus and the only ones containing the sugars and salts necessary to prolong their life.

Humogerm Prices			
For Clovers, Alfalfa (Small Seeds)		For Peas, Vetch, Beans, Cow Peas, Soy Beans, Peanuts, Lespedeza (Large Seeds)	
1/2 Bushel	\$.35	1 Bushel	\$.35
1 Bushel	.50	2 Bushel	.50
2 1/2 Bushel	1.00	5 Bushel	1.00
10 Bushel	4.00	20 Bushel	4.00

Billions of Live Virile Germs in Every Can

You get more for your money when you buy HUMOGERM—lower first cost per bushel—bigger profits because greater value—and an increase of 50 to 300 per cent in crop yield.

When ordering always state kind of seed

Contains Billions of Live Virile High Bred Bacteria

EARP-THOMAS PROCESS
MOIST POWDER
HUMOGERM
A HUMUS BASE LEGUME INOCULANT



Use the
Original
HUMOGERM
to pull
Dollars
out of
the Air
for your
Crops

NOTE
NEW LOW
PRICES



RUSSELL-HECKLE'S FARM SEEDS



TOP NOTCH QUALITY SEEDS MEAN BETTER CROPS

The most vital need of those who depend for their living on the products of the soil is pure seed, not mixed with noxious weed seed, and of high germinating quality. Our Top Notch brand was originated to designate seed stocks filling just that need, and their dependability is responsible for their popularity.

Top Notch brand on the seed you plant means bigger crops and more profit to you. To use it means satisfied customers who tell their friends about us, which in turn means more friends for us. It's an endless chain, and Top Notch Seeds form the links.

ALFALFA—The crop that pays constant dividends, and at the same time builds soils.

Alfalfa is one of the few crops that cannot be overproduced. It stands for years, yields several cuttings a season and makes a hay about as high in protein as wheat bran; it more nearly approaches perfection as a forage crop than any one other crop. When fed with a grain ration, it supplies the protein necessary for a balanced food. For dairy, breeding and fattening cattle, hogs and sheep, it is the ideal hay. As a soil builder, it is claimed that it adds more than twice as much ammonia or nitrogen to the soil as red clover. Alfalfa does not ask the farmer to buy expensive nitrogen, but gets all it needs from the air and stores it in the land to make bigger the crops that follow it.

CULTURE—The seed may be sown broadcast or in drills and covered one inch. If sown broadcast, use 20 to 25 pounds of seed per acre. Sowings made in the Spring, March and April, or in the Fall, September and October, are successful.

PREPARATION OF SOIL—Good loam or clay soil with natural or artificial drainage, with no hardpan underneath, will grow Alfalfa when properly prepared, and proper and thorough preparation is a prime necessity for a uniform heavy stand. Where the soil is acid, and that is the case in most instances, liming is necessary.

R.-H. Co.'s Top Notch Hardy Northwestern Alfalfa The northwestern states, like Idaho and Utah, produce a very hardy type of Alfalfa, due naturally, to the severely cold winters that Alfalfa must weather there each year. Our Top Notch Northwestern Seed represents our choice of the stocks produced there, based on purity and growth. Such seed costs more than seed produced farther south, but the man who buys our Top Notch Northwestern Alfalfa will get full value for every dollar spent. 1 lb. 30c, postpaid. Quantity prices on Green Ink List.

R.-H. Co.'s Top Notch Western Alfalfa This seed is produced in the West farther south than Idaho and Utah, and our stock this spring is the latest crop of highest germinating strength and tested 99.60 per cent pure, which is very, very fine. We have sold thousands of pounds of this seed throughout the South where it has given splendid results. It costs less because it is not so difficult to produce as seed in the more northern states. 1 lb. 25c, postpaid. Quantity prices on Green Ink List.

Hairy Peruvian Alfalfa This is an Arizona variety that is very popular there and in the lower half of our own southern states. It is not as hardy as Northwestern seed but makes a splendid growth of hairy and leafy vine. 1 lb. 40c, postpaid. Quantity prices on Green Ink List.

Disco No. 28 Alfalfa Another very hardy and productive Dakota Alfalfa; very similar in every way to our Dakota No. 12 described on this page. 1 lb. 40c, postpaid. Quantity prices on Green Ink List.

INOCULATION—The Inoculation of your seed before planting will give you a much stronger and quicker growth, producing a greater tonnage of hay. The cost of inoculation per acre is so small that the increased yield will repay it many times.

Use either Nitragin or Humogerm cultures, which you will find described and quoted elsewhere in this catalogue.

FERTILIZING—Use 2,000 pounds of ground limestone, 200 pounds of Bone Meal and 200 pounds of pulverized Sheep Manure, broadcast, to each acre. Applying a coat of well-rotted stable manure will be beneficial. If you have tried Alfalfa, and it died out, it was on account of need of these fertilizers. On old Alfalfa meadows use 400 pounds of acid phosphate to the acre, broadcast. It stimulates it wonderfully.

R. - H. Co.'s Top Notch Dakota No. 12 Alfalfa Practically every pound of this strain of Alfalfa was exhausted last year because of the enormous demand for the seed. This is the best evidence we can offer of its true value. South Dakota is the home of this Alfalfa, where the temperature drops way down below zero every winter. Seed that withstands such a severe test as that can readily be seen to have outstanding advantages. We have never sold Dakota No. 12 Alfalfa to any man who expressed other than extreme pleasure over results. An exceptionally productive Alfalfa. 1 lb. 35c, postpaid. Quantity prices on Green Ink List.

Grimm Alfalfa This is a different type, having the lateral or branching root system instead of the usual main tap root of most Alfalfas; very popular in Canada and extreme Northwest, but less often grown in the South. 1 lb. 55c; postpaid. Quantity prices on Green Ink List.

FREE WITH ORDERS

1933 CALENDAR AND ALMANAC

Useful in many ways, gives weather predictions for the next 12 months, with other information.

When requested, we will mail you a copy of our 1933 Almanac Calendar.

Don't fail to ask for a copy when sending your order.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED



A Growing Crop of Sericea

A Sericea Plant

LESPEDeza SERICEA, the New Perennial Lespedeza

SERICEA is wholly a new type of lespedeza, having an enormous root system that not only enriches the soil, but lives throughout the winter and starts the new crop from the old stubble in the spring, and multiplies rapidly when mowed or grazed off. Two cuttings of hay and a seed crop may be obtained each year — as high as four tons of dry hay in one season, the equal of alfalfa in feeding value. The plant is extremely leafy.

SERICEA will grow apparently anywhere in the United States on almost any type of soil without liming or any kind of treatment — it is now growing on sour soil, on white buckshot and on poor sandy soil.

For largest yield of seed, sow in three foot rows about three pounds of scarified seed per acre, cultivate to keep weeds down. Seed bed should be very firm and seed covered very lightly, then rolled for best results. Yields 300 to 400 pounds seed the first year and around one thousand pounds thereafter. Get your Sericea started, too, so you can have seed to sell while the prices remain high, as they very likely will for several years because the demand will come from all over the country.

For more complete description of Lespedeza Sericea, see inside of Front Cover. For prices see Green Ink List.

Korean Lespedeza

The earliest of the annual Lespedezas comes up early in the spring and grows rapidly, furnishing much earlier pasture than any other variety. The leaves are larger than common Lespedeza, and more rounded. Begins flowering in July, the flowers crowding near the ends

of the branches, as distinguished from other varieties, which have flowers scattered along the stems. Korean is especially suited for a short growing season. The seed ripens in September. 1 lb. 30c; postpaid. Quantity prices on Green Ink List.

Tennessee Station No. 76 Lespedeza

This variety is similar to the common or wild variety, except that it is taller and more upright in growth, holding all the branches off the ground, even when the plants stand alone. It is finer stemmed than Korean or Kobe, and grows to the height of nearly three feet under favorable conditions. It blooms slightly later than Kobe and considerably later than Korean or common. The hay yields made on the West Tennessee Experiment Farms are larger than those of the other varieties. 1 lb. 35c; postpaid.

Quantity prices on Green Ink List

Common Lespedeza or Japan Clover

Grows practically anywhere. Sow 1 bushel per acre in February, March, April broadcast on good seed bed. Makes splendid pasture and fine hay. 1 lb. 25c; postpaid.

Quantity prices on Green Ink List

White Sweet Clover or Melilotus

As a land builder it has few equals. Does well on soils containing lime. It resembles Alfalfa both as to appearance and habit of growth when young; however, it grows much larger than Alfalfa, often 4 to 6 feet high. Valuable as a pasture and, in spite of its bitter taste, stock learn to like it. Sow early in the spring or fall at the rate of 15 to 25 pounds per acre. 1 lb. hulled and sacrificed seed, 25c; postpaid. Quantity prices on Green Ink List.

Yellow Blossom Sweet Clover

The Yellow Blossom type is very similar to that of the White Blossom. For those who wish to use Sweet Clover for pasture, hay and bee purposes, we would advise the use of the Yellow Blossom type. 1 lb. 25c; postpaid.

Quantity prices on Green Ink List

INOCULATE

Be sure to inoculate all clovers and the kindred plants on this page with either Nitrugin or Humogerm. You are sure to make a catch of that particular crop and at the same time you get a larger yield.

Kobe Lespedeza

A new and improved type of Lespedeza which grows much ranker and has larger leaves and slightly coarser stems. It has been known to grow 38 inches tall, but usually about 2 to 2½ feet. Possibly due to its rank growth, completely shading the ground and thus retaining moisture, it is much more resistant to dry weather and comes through a drought when common Lespedeza burns up. Kobe flowers in August and September and ripens the seed in early October. An excellent variety for pasture and hay and a great improvement over the common Lespedeza. 1 lb. 35c; postpaid. Quantity prices on Green Ink List.

Red Clover

This is regarded as the most valuable of the Clover family. It makes two crops each year. Cut for hay or plowed under it adds fertility to the soil. Sow in March or April, broadcast 10 pounds of seed to the acre. 1 lb. 40c; postpaid. Quantity prices on Green Ink List.

Alsike or Swedish Clover

Alsike Clover grows thicker than Red Clover, making better hay and probably more grazing. It succeeds on a variety of soils, light upland loamy lands as well as stiff, wet bottom lands. Sow in March, 8 lbs. to the acre. 1 lb. 35c; postpaid. Quantity prices on Green Ink List.

Mammoth or Sapling Clover

Very much like the common Red Clover. Recommended for thin soils. Sow 10 pounds to the acre. 1 lb. 40c; postpaid. Quantity prices on Green Ink List.

White Dutch Clover

White Dutch Clover is used principally for lawns, a small proportion in permanent pasture often fills up many a bare spot and produces valuable grazing for all kinds of livestock. Sow either in the spring or fall. When sown by itself, sow 5 to 6 pounds per acre. 1 lb. 55c; postpaid. Quantity prices on Green Ink List.

Crimson Clover

Especially valuable for improving the soil. Sow 15 pounds to the acre from July to November. Prices in July.

Hop Clover

Fine for mixtures and pastures. Comes first in the spring. Sow in February, 8 to 10 lbs. to the acre. 1 lb. 50c; postpaid. Quantity prices on Green Ink List.

Black Medic

Grows all during the winter and is just the thing to build up run-down soil and will improve the yield of crops that are planted on the land the following spring. Sow in March, 18 to 20 lbs. per acre. 1 lb. 50c; postpaid. Quantity prices on Green Ink List.

Burr Clover

Sown in July, August and September. Makes superior pasturage, fair hay, and grows on any thin land. Sow 20 lbs. of burrs to the acre. Prices in July.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

SORGHUM

CULTURE—Plant when the ground becomes thoroughly warm, say two weeks after corn planting, on a rich, well drained clay loam, in rows 3½ to 4 feet apart, and cultivate as you would corn. After the flowering stage is passed, but not earlier, it may be pastured or cut for fodder. Sorghum may be grown with cow peas and soy beans either in rows or broadcast.



Japanese Honey Ribbon Cane

CANE SEED FOR SORGHUM

JAPANESE HONEY RIBBON CANE — For making syrup this variety has no equal. It has been yielding from two to three hundred gallons per acre. It makes a syrup of bright amber color and of fine flavor. The stalks grow from 10 to 15 feet high, and with its large foliage makes one of the best varieties for ensilage.

For making syrup, cut just before the heads ripen, at which stage the sugar content of the plant is greatest.

Japanese Ribbon Cane matures ready for the mill in about 110 days. We, therefore, advise planting as early in May as possible. One gallon of seed will drill one acre. Cultivate like cotton, leaving plants about 10 to 12 inches apart in the row. Price 1 lb. 25c, postpaid. Quantity prices on Green Ink List.

Texas Seeded Ribbon Cane Whether you grow it for syrup, for ensilage or for feeding, you will like it. The syrup yield is good, frequently from 175 to 200 gallons to the acre. As it grows 10 to 12 feet tall, with an abundance of fodder, it makes a most economical ensilage, filling the silo at a minimum cost. Plant in 3½-foot rows when the ground has become thoroughly warm, thin out to stand 10 to 12 inches apart in the rows, and cultivate just as you do corn. 1 lb. 25c, postpaid. Quantity prices on Green Ink List.

Sugar Drip It makes a large, juicy and succulent growth. It will yield about 65 per cent of the weight of the cane in juice. One of the most desirable syrup varieties. 1 lb. 20c, postpaid. Quantity prices on Green Ink List.

GROHOMA

This new forage and grain crop, after thorough trials the past season, was found very satisfactory. Stock of all kinds like it—in fact, they eat every particle of the stalk, leaves and head. It is rich in protein and fat. Plant from April 1st to July 1st in good soil. Make rows 4 feet apart, drop seed 12 inches. Since it stools considerably, very little seed is required. Sow 2 pounds to the acre.

Prices of selected, well-cleaned seed from main heads, 1 lb. 25c, postpaid. Quantity prices on Green Ink List.

CERESAN SEED DISINFECTANT

America's premier agricultural disease treatment for certain crops. Treat all Sorghum, Milo Maize and Kaffir Corn seed with Ceresan. It kills external diseases and gives you better stands, as well as allows earlier plantings. This is a remarkable preparation and the results will be an agreeable surprise. Don't fail to use Ceresan on all of your seed grains before planting. 1 lb. can 75c; 5 lb. tin \$3.00, 25 lb. pail \$12.50. Not mailable.

Please Note We are listing Field Seeds with postpaid prices only in pound lots. The fluctuating markets on field seeds make a set catalog price very unsatisfactory.

See Green Ink Price List enclosed for quantity prices on Grass Seeds.

Revised copies gladly furnished.

SPECIAL WARNING ON SORGHUM CANE

NON-WARRANTY—Owing to the peculiar hybridization of syrup cane varieties, it is impossible to guarantee any of the varieties here listed. We have selected all the syrup cane varieties on our list with best possible care, but at the same time do not guarantee that they will come true.

All orders for syrup cane varieties are therefore accepted only on these conditions.

SORGHUM AND CANE FOR FODDER

Early Amber Cane One of the earliest sorghums and furnishes a large yield of most nutritious forage which may be fed either green or cured. If planted early it will yield two cuttings a season, stooling out thicker each time it is cut. If grown with cowpeas or soy beans the quality of the hay is improved and a more nearly balanced ration may be had. The proportions recommended are 15 lbs. Early Amber Cane, ½ bushel of soy beans and 1 bushel cowpeas to the acre broadcast. Grows 10 to 12 feet high. Sow broadcast 1 to 1½ bushels to the acre; 5 to 6 lbs. plants an acre in 3½ to 4-foot rows. 1 lb. 20c, postpaid. Quantity prices on Green Ink List.

Early Orange Cane About ten days later than Early Amber Cane, but makes a taller and more leafy growth. It is recommended for fodder, of which it yields immense crops frequently two cuttings a season and stooling out thicker after cutting. It may be grown with soy beans and cowpeas as recommended for Early Amber Cane and the quantity to plant an acre is the same. 1 lb. 20c, postpaid. Quantity prices on Green Ink List.

Red Top or Sumac Grown extensively in Middle Tennessee. Succeeds well in this section. Very sweet and one of the best for hay. 1 lb. 20c, postpaid. Quantity prices on Green Ink List.



White Kaffir Corn

White Kaffir Corn Kaffir Corn yields heavy crops. It adapts itself to a wide variety of soils; a long dry spell may stop its growth, but it starts again with the first rain. The grain as well as the plant makes fine feed for stock, hogs, poultry and pigeons. With Cowpeas, sow broadcast one peck of Kaffir Corn to a bushel of peas; sown alone, 3 pecks to a bushel broadcast an acre; in drills 6 to 8 pounds an acre in 3½-foot rows. Plant from after the ground is thoroughly warm till early in June. 1 lb. 20c, postpaid. Quantity prices on Green Ink List.

Red Kaffir Grows taller than the white; stalks slender, juicy and very leafy. Ripens earlier than that of the white and yields much heavier. 1 lb. 25c; postpaid. Quantity prices on Green Ink List.

Yellow Milo Maize A wonderful drouth-resistant, non-saccharine sorghum that makes a thick succulent growth of nutritious milk-producing forage. For fodder and ensilage, cut when in the dough stage; at this stage it has a feeding value practically equal to corn. Any good corn land will bring Milo Maize either for green feed, dry fodder or for the grain. It grows on all soils from sandy to heavy clay loam. Plant in 3½ foot rows after the ground is thoroughly warm, and give it the same cultivation you would corn. Six to eight pounds will plant an acre. 1 lb. 20c, postpaid. Quantity prices on Green Ink List.

Egyptian Wheat or Shallu The heads are large and heavy. It makes hens lay better than any poultry food. Plant in drills 3 feet apart, using ten pounds of seed per acre, or broadcast, using from 2 to 4 bushels. 1 lb. 25c, postpaid. Quantity prices on Green Ink List.

Feterita Three or four weeks earlier than Kaffir Corn. It is the most drought-resisting of any of the sorghum family. Sow in April or May, in drills, 5 pounds to the acre. 1 lb. 20c, postpaid. Quantity prices on Green Ink List.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED



Sagrain, the Wonder Forage Crop

SAGRAIN Grows on land you can't plant to other crops; thrives in low places that usually drown out. Produces from 8 to 20 tons silage, or if left to ripen will produce from 30 to 75 bushels grain, and 4 to 8 tons cured hay; has heads like Kaffirs. Usually weighs about 7 ounces and the average ear corn weighs 8 ounces. In feeding value has 90% value corn; can be fed to hogs, chickens, cattle and work stock. Plant as early in the spring as frost will allow. Will then be ready to harvest when the crops are laid by, usually along about the 1st of August.

Plant in 3½-foot rows. Cultivate a couple of times and thin out, leaving a stalk every 8 inches apart. Use a common sorghum or pea plate. We do not recommend broadcast planting. Can be best harvested with a corn binder, shocked like oats until cured. Six to eight pounds will seed an acre, planted in 3 to 3½-foot rows. From each seed planted you get from 6 to 10 heads of grain as it stools out and should be left very thin in drill. 1 lb. 20c; postpaid. **Quantity prices on Green Ink List.**

Sagrain No. 303 An improved strain, a dwarf selection of the original Sagrain, with heavier head. Stalks grow stocky, dwarf and very uniform. You will find it a great improvement over the regular strain. Lb. 25c postpaid.

SEED PEANUTS



North Carolina Runner Peanuts

Prepare the ground well, laying it off in rows with a shovel plow; the rows should be 3½ feet apart, and put two kernels to the hill, which are about one foot apart. One and one-half bushels of unshelled nuts will seed an acre.

TENNESSEE LONG RED — Especially adapted to this section. The nuts contain three large kernels in each and are enormously productive. 1 lb. 25c; postpaid. **Quantity prices on Green Ink List.**

IMPROVED WHITE VIRGINIA — These are uniformly large, and when grown on light sandy land will produce nuts of that bright, attractive appearance demanded by the best trade. 1 lb. 25c; postpaid.

NORTH CAROLINA RUNNER PEANUTS—Slightly larger than the White Spanish. The nuts are pink white. A sure and heavy cropper and will succeed on most any upland soil. 1 lb. 25c; postpaid.

SPANISH PEANUTS — Although not as large as other kinds, there is no peanut grown that so entirely fills the pod nor can compare with it in sweetness and flavor. 1 lb. 25c; postpaid.

VALENCIA PEANUTS—The pods are large, well filled, usually containing three or four nuts, and of such handsome appearance that they find ready sale at top prices. 1 lb. 35c; postpaid.

DWARF ESSEX RAPE

Rape is one of the most valuable forage plants, its many uses being fully considered, that has ever been introduced into the United States. The use of Rape has grown in a few years from a few thousand pounds of seed used, to thousands of tons of seed per year. Until lately Rape has been grown mostly for sheep pasture, but in recent years people have learned that it is equally valuable as a forage crop for cattle, hogs, and poultry. The young, tender leaves of Rape make fine greens for table use and are preferred by some to mustard and other greens. To those of our customers who are not familiar with Rape we will say that it grows somewhat like a cabbage plant before the cabbage begins to head up; however, the Rape makes a larger plant, often 18 inches to 2 feet high, under favorable weather conditions and on good soil. Sow it as early as possible; late March or early April is not too late; 3 to 4 pounds plant an acre in drills; 6 to 8 pounds broadcast.. 1 lb. 25c; postpaid.

Quantity Prices on Green Ink List

JERUSALEM ARTICHOKE

Fine for fattening hogs. They grow just like Irish Potatoes. Every hog raiser should grow Artichokes; the hogs will harvest them without cost. Plant in 4-foot rows any time in March or April, dropping the cut pieces 18 inches apart in the row. They will produce 200 to 300 bushels to the acre. It requires 3 bushels to plant one acre. Qt. 25c; peck \$1.10; postpaid.

Quantity prices on Green Ink List.

Vigoro Prices

12 oz. pkg.	.....\$ .10
5 lb. pkg.	..... .50
10 lb. pkg.	..... .85
25 lb. bag	..... 1.50
50 lb. bag	..... 2.50
100 lb. bag	..... 4.00

for Early, Crisp Vegetables

feed them this complete, balanced diet

VIGORO
complete plant food



FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

RUSSELL-HECKLE'S SOY BEANS

At last the ideal Soy Bean for the entire South seems to have been developed. The Laredo matures reasonably early, does not shatter out badly and will make a crop under conditions that would spell ruin to Cowpeas or other Soy Beans. Yields of four tons of hay have been obtained, quality almost equal to Alfalfa; as much as 35 bushels of Beans have been harvested per acre.

One bushel will plant 6 to 8 acres in rows 3 to 3½ feet apart, depending upon how thick you want them. We know of one farmer who got a perfect stand using one bushel to 12 acres. They should not be covered



LAREDO SOY BEANS

deeper than 1½ inches; a half-inch is better. One or two cultivations to keep down the grass and weeds is advisable. The Delta Experiment Station reports splendid results from sowing Laredo March 25th to April 10th with a wheat drill on oats planted previous fall. This drill helped instead of hurting the oats, and the beans were not large enough when the oats were harvested to interfere with the binder. Sow seed broadcast at rate of one bushel per acre; when sown in drills sow about 1 gallon or 2 gallons per acre. Qt. 30c; postpaid. Quantity prices on Green Ink List.



Virginia Soy Beans On account of its abundant growth and large yield of beans the Virginia makes most excellent hay and ensilage. As it is about 20 days earlier than Mammoth Yellow, it can be grown farther north and throughout the corn belt. The vines make a fine growth, are

filled with pods, stand about 3 feet high, are easy to cut and easy to cure. The stems being fine and the leafage profuse adapts it particularly well for hay making; sow broadcast one and one-half bushels to an acre; in drills ½ bushel to an acre. Qt. 30c; postpaid. Quantity prices on Green Ink List.

Mammoth Brown A fine big foliage variety, succeeds well in this section; won't shatter. The plant is upright, with heavy branches; a big yielder of beans and foliage. Does well on all soils. It is a medium early variety; matures its beans in about 110 days.

The Mammoth Brown Soy Beans, like other varieties, is high in protein content, and the hay is equal to alfalfa. They make wonderful ensilage when grown with corn, and are also excellent for hog pasture. We recommend this variety to be one of the best to plant with corn for silage. It is erect in growth, having no runners to wrap up everything in sight. It should be planted in rows 3 to 5 feet apart and 8 to 10 inches in the row; sow 10 to 12 pounds to an acre. Mammoth Brown Soys grow 4 to 5 feet high and are covered with a dense mass of foliage that does not shed easily. When sown broadcast, use 1 to 1½ bushels of seed to the acre. Qt. 30c; postpaid. Quantity prices on Green Ink List.

Mammoth Yellow Soy Beans The latest, yet the most extensively grown for both beans and forage, both of which it yields in greater abundance. It grows more than three feet high, is erect in growth and can be cut with a mower. Valuable for both beans and forage. Mammoth Yellow is one of the largest growers among Soy Beans, and the most widely grown variety and excels in yield of bean hay; sow seed in May broadcast at the rate of two bushels to the acre; when planted in drills use ½ bushel of seed to the acre. Qt. 30c; postpaid. Quantity prices on Green Ink List.

MUNG BEANS

Mature about 15 days earlier than Soy Beans and Cowpeas and invariably have produced larger tonnage of hay and forage as well as larger production of beans. Grows 4 to 6 feet tall and is one of the finest soil improvers yet discovered. Requires about 8 pounds of seed to plant one acre. Plant in May in rows about 3½

feet apart and 2 to 4 inches apart in the rows. 1 lb. 40c; postpaid. Quantity prices on Green Ink List.

VELVET BEANS

Makes an enormous growth for forage, also worth millions to the South as a soil builder besides its value as a fall and winter feeding crop.

EARLY SPECKLED OR 100-DAY VELVET—The most valuable of all varieties and the general favorite for all sections. This variety is the quickest grower and the most prolific. Matures in from 90 to 100 days. Sow in drills in May, one peck to the acre. Qt. 40c; postpaid. Quantity prices on Green Ink List.



Biloxi Soy Beans An upright variety growing 4 to 5 feet high, covered with a dense mass of foliage that does not shed easily. A heavy yielder of beans; the oil and protein contents are high; a fine bean for hogging down, for planting with corn or sorghum and for oil. The pods are less liable to pop than most varieties—in fact, hardly shatter at all. Late in maturing, requiring a long season to mature, but makes an unusually luxuriant growth; sow seed broadcast at rate of two bushels to an acre; in drills sow ½ bushel to the acre. Qt. 30c; postpaid. Quantity prices on Green Ink List.



Otootan Soy Beans Few Soy Beans can equal Otootan as a hay maker. Its late maturity is more than overcome by the abundant growth—5 feet and more in long growing seasons—its fine stems and abundant foliage, and the fine texture of its hay. It differs from most varieties in having many leafy branches instead of a coarse central stem, making it easy to cut. Planted in 3-foot rows, they will cover the land with a mass of foliage. Recommended for any southern sections which have a long growing season. Qt. 45c; postpaid. Quantity prices on Green Ink List.

George Washington Soy Beans Very early maturing, ready to cut in August; makes more vine than Virginia, and a very desirable variety; sow seed in May, same quantity as recommended for Virginias. Seed scarce for year or two. Qt. 50c; postpaid. Quantity prices on Green Ink List.

Mamredo Soy Beans —Produced from a hybrid of Mammoth Yellow and Laredo soys at Delta Branch Ex. Sta. Shatters comparatively little, upright bushy plant, splendid for grazing and hay; its extra earliness is very valuable. Each of the characteristics is desirable; try some of these sure. Qt. 60c; postpaid. Quantity prices on Green Ink List.



COWPEAS

May be sown any time from March to September, either broadcast or in drills. One to two bushels per acre for broadcasting; two to three pecks for drilling.

WHIPPOORWILL—A favorite early bunch-growing variety.
NEW ERA—An early, Upright-growing variety. Matures early.
BLACK STOCK—Large vining variety. Best for thin land.
CLAY—Very similar to black stock, matures earlier.
RED RIPPERS—Vines grow long; make an abundance of hay.
MIXED—Preferred by many farmers; they will grow thicker than separate varieties, producing better crop of vines and forage.
LARGE WHITE BLACK EYE—The dried peas are readily saleable as table peas during the winter.
WHITE, CREAM or LADY—Fine for table use. Very prolific.
WHITE CROWDER—An excellent variety for table use.
BROWN CROWDER—Clay colored, large size, of fine flavor.

Prices on Cow Peas given on application. Let us know how many you will need.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

R.-H. CO.'S MILLET

MILLET—Nothing pays better for a stock raiser or a dairy farmer than a few acres of Millet, for it not only yields at least half again as much hay per acre as Timothy or Clover but is also of the greatest feeding value and milk producing quality. When spring is so unfavorable that other crops fail to grow, or when the season is so late that corn will not mature any more, Millet is invaluable. Millets are also used as a catch crop after early grains. When sown in hot weather it is especially good to subdue weeds.

Tennessee Golden Millet

Our Southern grown Millet makes much better growth than the Western grown seed. This true Tennessee grown, a type that produces better quality, grows taller and gives a larger yield of very nutritious hay, is a quick grower. It should be cut for hay when it begins to show the heads. Plant $1\frac{1}{2}$ to 2 bushels an acre broadcast. Plant from April to August. The sowing of Southern Millet with cow peas for a hay is increasing in favor each year. When this is done, use an early variety, such as Whippoorwill or New Era, sowing about 3-4 to a bushel of Millet with one bushel of peas to an acre. 1 lb. 20c; postpaid. Quantity prices on Green Ink List.



Pearl or Cattail Millet

A well-known and valuable green forage plant for the South. It is one of the greatest and best yielders of green forage and continues to grow and produce through the entire season if cut frequently enough to prevent its going to seed; three to four cuttings may be had. Especially well adapted for our Southern states. Greatly relished by all kinds of stock and they eat it greedily. Pearl Millet goes a long way towards solving the forage problem and ought to be grown on every farm; fine for dairy cow and cattle feeding. Sow thinly in rows 3 feet apart at rate of 8 to 10 pounds per acre. 1 lb. 25c; postpaid. Quantity prices on Green Ink List.

Hungarian Millet

An early forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage, often yielding 2 to 3 tons per acre. Sow 1 bushel to the acre. 1 lb. 20c; postpaid. Quantity price on Green Ink List.

Calendars Free

When you order any goods, if you request it, we will be pleased to mail you one of our 1933 almanac calendars.

Japanese or Barnyard Millet

(Called Billion-Dollar Grass in the West)—Distinct from other millets; grows 4 to 6 feet high, yielding an enormous crop that in quality is equal to cornfodder and is relished by stock. Sow in May June or July, 20 pounds to the acre broadcast; or sow in 15-inch drills and cultivate until it is 18 inches high. When green, feed a moderate quantity at first, gradually increasing the quantity as the animals become accustomed to it. 1 lb. 25c; postpaid. Quantity prices on Green Ink List.

R.-H. CO.'S SEED OATS

CULTURE—Sow as early as possible, in February and through March, in good soil two to two and one-half bushels to the acre. If the soil is poor, use 200 to 300 pounds 16% Phosphate to the acre. Cut them for hay when the oats are in the milk stage or about half mature.

Norton Oats

This is an exceptionally fine variety; a great big, plump, brownish berry that has a solid large kernel, beautiful appearance. They grow $3\frac{1}{2}$ to 4 feet high on good, stiff stems. Do not blow down easily and are practically beardless, which makes them a good variety for hay crop, in addition to saving them for a grain crop. No oats that we know of will compare with the Norton in yield, from 75 to 100 bushels to the acre, general hardiness, freedom from rust, in earliness and uniformity of growth. We recommend them very highly. Prices on Green Ink List.

Kanota Oats

Bred at Kansas Experiment Station; named for three states, Kansas, Oklahoma, Texas. Bred from an improved strain of Fulghum, and often called Kanota-Fulghum. A splendid variety, early in maturity, always a big advantage; an exceptionally heavy yielder of both grain and straw, with a uniform plump, heavy berry. Quite resistant to cold and for that reason much sought after for fall planting. Prices on Green Ink List.

Tennessee Winter Turf Oats

Tennessee has long been famous for its Winter Turf Oats, which have probably the greatest propensity for stooling of all the present-day oats. Further, they are the hardiest oats we have and will come through the winter when other varieties have all been killed out. This does not mean, of course, that they can't be killed, for that can't be said of any growing crop, but the fact remains that Winter Turf Oats are about the safest oat we in the South can plant in the fall. Due to their strong turfing and stooling characteristics they excel all other oats for grazing purposes after fall planting. Prices on Green Ink List.



Early Burt or Ninety-Day Oats

Probably the earliest maturing of all Oats, hence Burts can be planted after it is too late to sow any other variety. Can be planted in March and mature in time to escape injury from heat. Early plantings can be cut in time to put the same land in corn, cow peas, soy beans, peanuts, cane, millet or other summer crops. For quick feed in the spring and for grazing, the Early Burt is the best of all. It is not a heavy yielder of grain, but fine for cutting in the dough stage. Prices on Green Ink List.

Appler Oats

This is another development from an improvement over the old original Red Rust-Proof Oat. Its main claim to popularity is the extra yield that it gives, which is fully equal to the famous Fulghum Oat, though the Appler is not quite so early as the Fulghum. Prices on Green Ink List.

Fulghum

A rust-proof variety developed from the original Red Rust-Proof Oat. It is one of the most satisfactory and popular oats known. Its productiveness and early maturity, probably more than any of its other good qualities, have contributed to its wide popularity. They stool out splendidly, have large full heads, fine plump grains, and strong straw that stands about 3 feet high.

Red Rust-Proof

For years the standard in the South. Thousands of acres are planted to Red Rust-Proof Oats each year. Oats in the South have long been subject to rust and that's why the Northern White Oats are not successful down South. The Red Rust-Proof Oat is a very vigorous grower, robust and productive, does well on low ground.

Mammoth Russian Sunflower

The seeds when fed to poultry make a real egg-producer, being rich in oil and protein; it is an ideal food during the moulting season. No farm where poultry is raised can afford to be without a patch of sunflower. The leaves are excellent fodder. The whole plant makes fine ensilage and hog feed. Under favorable conditions, 40 to 60 bushels can be grown on an acre. Plant up to the middle of July at the rate of 8 lbs. per acre. Plant and cultivate like corn. Lb. 25c, postpaid. Quantity prices on Green Ink List.

Buckwheat Sow three pecks to one bushel to the acre. It can be sown so late as to prove a profitable second crop to follow early peas, potatoes, etc. Good pasturage for bees. 1 lb. 20c; postpaid. Quantity prices on Green Ink List.

Chufas An excellent hog-feeding crop, fine for light soils. Plant in rows, one peck to the acre, in April or May. 1 lb. 35c; postpaid. Quantity prices on Green Ink List.

Abruzzi Seed Rye Sow broadcast, 1 bushel to the acre, in September and October. 1 lb. 15c; postpaid. Quantity prices made in July.

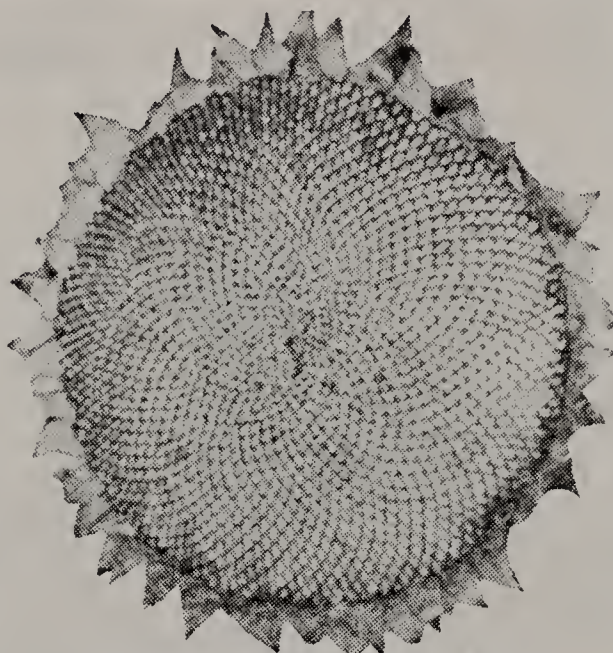
Southern Seed Rye Sow in September or October, 1½ bushels broadcast to the acre. 1 lb. 15c; postpaid. Quantity prices on Green Ink List.

Rosen Seed Rye Makes early growth and an abundance of grazing as it is a stooling variety. Does well in the South. 1 lb. 15c; postpaid. Quantity prices made in July.

Beardless Winter Barley makes a quick-growing crop of excellent and nutritious feed, either to use green or as hay. Sow 1½ bushels per acre in September or October. 1 lb. 20c; postpaid. Quantity Prices made in July.

Fall or Winter Barley Sow in September or October, 1½ bushels to the acre. 1 lb. 15c; postpaid. Quantity Prices made in July.

Red May Seed Wheat Sow broadcast 1¼ bushels to the acre in October and November. 1 lb. 15c; postpaid. Quantity Prices on Green Ink List.



Mammoth Russian Sunflower

Canada Field Peas Use for the same purpose that the Cowpea is used in the summer. Canada Field Peas are one of the best cover crops that can be grown; also excellent for hay. Resists the cold weather.

It is good feed either green or dry for cattle. Sow in January, February and March, 60 to 90 pounds of seed to the acre with one bushel of oats. Qt. 30c; postpaid. Quantity prices on Green Ink List.

Broom Corn

IMPROVED EVERGREEN BROOM CORN—An excellent variety of good length; has fine, straight straws. Sow in April, one gallon to the acre. 1 lb. 20c; postpaid. Quantity prices on Green Ink List.

OKLAHOMA DWARF BROOM CORN—Straight, stiff stems and leaf; markets readily. 1 lb. 25c; postpaid. Quantity prices on Green Ink List.

Hairy Winter Vetch The hardiest vetch; fine for hay grazing and improving land. Grows on all soils, and surprisingly well on poor, thin land, and will stand extremes of drought, heat and cold. It is to be sown in the fall or September and October. It never winter kills. Sow 20 pounds to the acre together with one bushel of

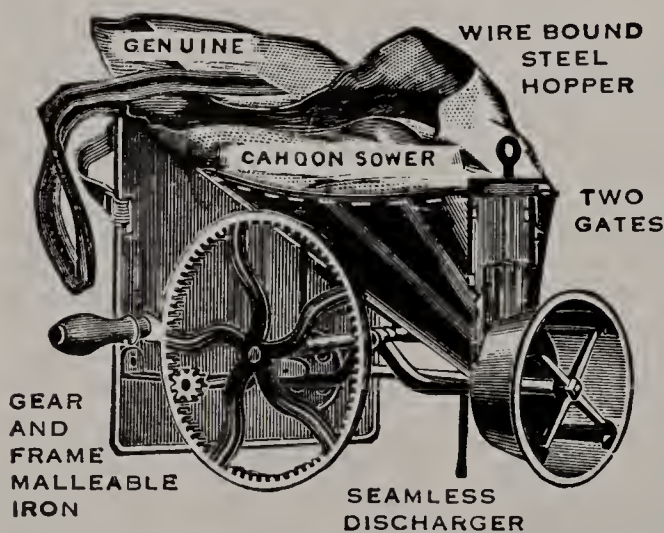


Oats, Rye, Wheat or Barley to hold vines off the ground. 1 lb. 25c; postpaid. Quantity prices made in July.

Austrian Winter Peas This wonderful winter cover and forage crop was introduced from Europe several years ago. Plant in September or October, when the ground is not in use, and it can be plowed under early in the spring, before time to plant spring crops. Will keep the land from washing and packing and at the same time furnish much valuable fertilizer. If desired the crop can be cut and used as feed. We advise sowing in September and October broadcast, 20 to 25 pounds per acre, mixed with a bushel of Rye, Oats, Barley or Wheat, or can be sown alone in drills at rate of 30 pounds per acre. 1 lb. 20c; postpaid. Quantity prices made in July.

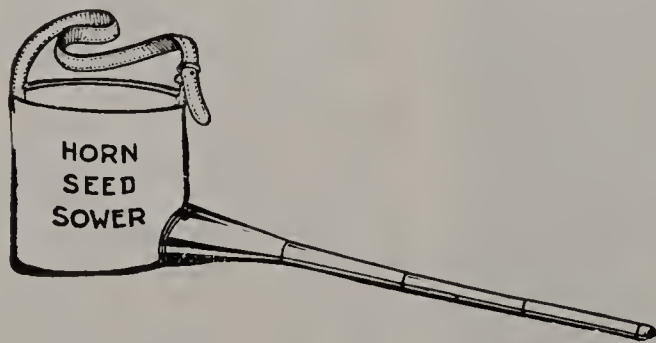


SEED SOWERS



Cahoon Broadcast Seed Sower

One of the best seeders manufactured, and sows all kinds of grain, clover seeds, etc. Very strong and durable. Price, each, \$3.75; by parcel post, \$4.10.



The Horn Seed Sower

A splendid little tool, simple and easy to operate. Will sow any fine seed like Clover, Lespedeza, Timothy, Alfalfa and Grasses. Price, 95c; by parcel post, \$1.05.

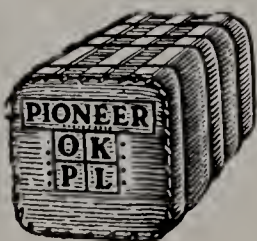


Thompson's Wheelbarrow Seeder

The fastest grass seeder on the market. Easy running and light weight, complete, only 50 pounds. The seed is never bunched. Seed is sown close to ground, hence the wind does not blow it. The safe, sure and economical way is with the Thompson Wheelbarrow Grass Seeder.

No. 3 **DOUBLE HOPPER**, fourteen feet in length, having an extra deep hopper, is the best for sowing Lespedeza seed in addition to sowing Alfalfa, Clovers, Millet, Timothy, Grasses, Rape, etc. Price, each, \$12.75.

Granulated Peat Moss



A moisture - retaining humus. Quickly decays so that it is available for plant food.

Excellent for potting bulbs, also for clayey soils, gravelly soils, for mulching roses, perennial flower beds, evergreens, etc.

Prices: Not prepaid, trial bale containing 2 bushels (compressed) \$1.25; postpaid \$1.65. Not prepaid, large 20-bushel bale (compressed) \$3.75.



Cyclone Broadcast Seed Sower

Will sow Timothy, Clover, Oats, Rye, Wheat, Millet, Grass Seeds, Peas, Sorghums, etc. Distributes evenly, works perfectly; has an agitating feed plate which insures a uniform flow of seed. Price, each, \$1.85; by parcel post, \$2.10.

Vigoro Spreader



Easy running, sturdy machines with a patented forcefeed principle. Spread Vigoro, seed, salt, sand, and insecticides uniformly at any desired rate. Equipped with handle controlled shut-off. Efficient on established lawns or soft ground.

Made in four sizes: Little—14 inch spread, \$1.95.

Junior—14-inch spread, \$5.75.

Standard — 24 - inch spread, \$10.00.

Special—36-inch spread, \$16.00.

All prices f. o. b.

Memphis.



The Best of Each Variety

We keep constantly in touch with plant breeding work all over the South. As soon as a new variety has proven its worth and is available in commercial quantities, we have the seed to offer to our customers. We buy from breeders where their production is large enough for the needed requirements.

Machine Culled and Graded

We have the latest improved machinery installed in our own warehouses for culling out hulls, loose cotton, trash, for removing the light weight immature seed, and blowing out all dirt. Therefore the seed we ship are plump, full weight, uniform seed; clean of all trash; easy to plant, come up to a uniform stand of strong, vigorous plants (plump heavy seed produce strong plants—light weight seed produce weak, sickly plants, and we remove these). Our culled and graded seed require less seed per acre to obtain a stand, which is a saving, and they produce more cotton per acre, which means more profit to you.

Tested For Germination

Germination tests are made on all our seed, and a careful record kept. We offer no seed to anyone that we haven't every reason to believe is right. We do not leave such matters to chance.

Coker's Foster-6 Fine where weevils are present because very early maturing, small weed open type to let sunlight in; staple 1 1/8 to 1 3/16, bolls 68 to 70 per pound, picking qualities good, lint percentage 35%.

Missdel No. 1 (DELFO 631-2458) — Missdel No. 1 is the most outstanding strain of big boll, extra early, extra staple cotton yet developed. Its characteristics are as follows:

Type — semi-dwarf and very hardy. Maturity — Extra early. Prolificness — Unusually prolific and close-fruited on limbs for a big-bolled cotton. Boll size — 55 to 60 per pound. Highly storm resistant — Selected for bolls to hang down. Lint percentage — 33 to 35 per cent. Staple — One and three-sixteenths inches to one and seven-thirty-seconds inches full.

This cotton is a proven money-maker and the best picking cotton we know of. Labor can pick 47 per cent more Missdel No. 1 than old Delfos 6102. This cotton is especially adapted to Delta and bottom lands. For your information we might add that Missdel No. 1 and No. 2 are the most outstanding strains of cotton, of their distinct characteristics, to pass through the experiments at the Delta Experiment Station.

Missdel No. 2 (DELFO 6102-1341) — Missdel No. 2 is the earliest, most prolific, medium sized boll strain of Delfos ever developed. Over a period of years it has outranked all others in money value and has the following characteristics:

Type — Open, spreading, semi-dwarf stalk with small leaves. Maturity — The earliest we know of. Boll size — 75 to 80 per pound. Prolificness — The most prolific and close-fruited of all cottons. Highly storm-resistant. Lint percentage — 34 to 36 per cent and better. Staple — One and one-eighth inches to one and three-sixteenths inches.

Stoneville No. 1 An extra early, dwarfy cotton, large bolls 60 to 70 pound, storm resistant about 36% lint, staple 1 1/16 inches. One of the best upland cottons, extra big yielder in the field.

Stoneville No. 2 A little longer than Strain 1, being about 1 1/8 inches, slightly smaller bolls 65 to 75 to pound, more vigorous and spreading plant. Selected for a 5-lock boll and splendid picker. Also fine for uplands.

D. & P. L. No. 4 The most popular upland cotton of quality yet developed. It will give you a good inch staple, and 1,250 to 1,300 pounds will give you a bale. This cotton is early enough to beat the boll weevil, and the large bolls make it an excellent picker. It has enough vigor to be used in wilt-infested lands with very satisfactory results. Number 4 has a larger boll than some of its later selections. We especially recommend D. & P. L. No. 4 for the grower who wants a full inch staple. This seed is cleaned, graded and culled.

D. & P. L. No. 4-8 Same blood, but improved in several characteristics. A new type that will give excellent results.

COTTON SEED PRICES

All cotton seed described above are quoted in the Green Ink Section in the first part of this book.

Acala Imp. The best cotton we know of among the 1 1/16 to 1 1/8 inch cotton. Cotton buyers everywhere are partial to Acala and it usually brings a premium over other cottons of same type. It has an extra strong, tough, and silky fibre, which explains the premium in price.

We have seen Acala lint in constant demand among cotton buyers when longer and shorter staples were left on the tables.

Acala has quite a large boll, yet it is an early maturing cotton; it is easy to pick, yet storm-resistant, and one of the best drought-resistant varieties we know of. Lint percentage runs usually 35 to 37 per cent, another advantage over staple cottons.

Coker's Cleveland No. 5 Originated by the Coker's Pedigreed Seed Co. in South Carolina, and one of the two highly-bred strains of Cleveland cottons. Pulls about 1 1/16 inches, very uniform staple, and uniform in plant size and size of bolls. Bolls are large, easy to pick; lint percentage 37 to 38 per cent; medium foliage, a very prolific cotton of early maturity.

Rowden 40 A highly bred and very superior strain of Rowden Big Boll, developed at the Cotton Experiment Station in Arkansas. Some remarkable crops of Rowden 40 have been reported and it is a general favorite in Arkansas. Has an extra large boll, easy to pick, yet storm-resistant; early maturity, lint percentage averages 35%, length 1 1/16 inches and very prolific. Highly wilt-resistant.

Wannamaker Cleveland Wannamaker Cleveland is a short cotton, say 7/8 to 1 inch in length, and for about fifteen years this variety has stood the test of time, maintaining its popularity against all comers. In our opinion it is by far the best of the cottons of its length on the market today.

Wannamaker Cleveland has a medium sized boll that is easy to pick and an unusually large turn-out at the gin, about 37 to 38 per cent usually—only 1,350 pounds being required to make a 500-pound bale.

Wannamaker Cleveland can be planted on any soil and will come nearer thriving under any and all conditions than any cotton we know of.

Half and Half Most cotton buyers will tell you not to plant Half and Half because it is very short in staple, and rather brittle. That's why we have preferred other varieties; however, year after year, some farmers plant nothing else, and get almost as much per pound for their cotton as any short cotton brings. They claim what they lose in price they make in yield, so there you are. As long as a man makes money he doesn't care what name his cotton is called.

Half and Half has the best turn-out at the gin of any cotton—1,200 pounds, making a bale of 480 to 550 pounds. It is also an early cotton and a heavy producer.

NITROPHOSKA 15-30-15

A valuable fertilizer for cotton, containing 3 times as much plant food as the ordinary fertilizers. You are required to put down only 1/3 as much, thus saving labor, freight, time and money.

Nitrophoska is quickly effective, contains 15% Nitrogen, 30% Phosphate and 15% Potash. Used at the rate of 400 lbs. to the acre in the row before planting you will increase the crop nearly 50 per cent.

Try Nitrophoska this year on just a few acres of cotton and you will be agreeably surprised at the results. Let us quote you prices.

RUSSELL-HECKLE'S FIELD SEED CORN

WHICH GRADE OF CORN DO YOU WANT?



R.-H. Co.'s Top Notch Mosby's Prolific

R.-H. Co.'s Top Notch Corns are selected by experienced people with the utmost care from high-yielding fields, are nubbed, tipped, graded and cleaned. Our sole purpose in spending so much time and labor on the selection of these seeds is to make them a superior seed stock. If you are seeking the best in seeds, order our Top Notch grade—you will be rewarded when you gather your crop.

Commercial Grade Corns Are cheaper in price—they are worth the price asked, but are not as carefully selected, not nubbed and tipped like our Top Notch Corns. Our Commercial Grade Corns are carried to meet low-price competition, for price is first consideration with some buyers. They are the equal of any corns selling at same price, and better than most.

See Green Ink List enclosed for prices on Commercial Grade Corns.

R.-H. Co.'s Top Notch Mosby's Prolific

One of the most prolific corns in existence; the stalks are tall, bearing 2 to 5 fine ears. The grains are long, set close to a small white cob, very uniform in shape, well filled. It has good roots and will withstand storms better than any other prolific sort. Another important feature of this fine corn is its abundant foliage, which renders it superior to most sorts for ensilage purposes. This is a southern corn, and is recommended for general crop. It is pearly-white, small cob, deep full grain, neither too hard nor too soft, and stands crowding in the drill as close again as any other kind. Ears slightly under medium size. Matures in 110 to 120 days. Postpaid, 1 gallon 60c; not prepaid, 1 gallon 40c. Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Hasting's Prolific The introducer claims that it will make two ears to the stalk on average land, and if planted 24 to 30 inches apart in the row on good strong land, four to six ears to the stalk can be had. The ears are well filled at both ends; the cob is small; the shuck is heavy and covers the ear tightly, protecting it from birds and insects, and preventing loss in wet seasons. Matures in 120 to 130 days. Postpaid, 1 gallon 60c; not prepaid, 1 gallon 40c. Quantity prices on Green Ink List.

R.-H. Co.'s Top Notch North Carolina Prolific A beautiful white prolific corn. Matures in about 115 days. Well adapted to both field and table purposes, just flinty enough for milling the most beautiful meal. Some of the largest yields of corn ever made in the South have been made with this prolific corn. Postpaid, 1 gallon 60c; not prepaid, 1 gallon 40c. Quantity prices on Green Ink List.

R.-H. Co.'s Top Notch Tait's Early White Dent The stalk is short and thick. The ears grow long on the stalk, from 7 to 9 inches in length, almost parallel throughout, of medium size, averaging 14 rows of grains, and will mature in 90 days. The grains are pure white, compact and heavy. The cob small. Postpaid, 1 gallon 60c; not prepaid, 1 gallon 40c. Quantity prices on Green Ink List.

R.-H. Co.'s Top Notch Silver Mine Ears measure from 10 to 12 inches in length. They are very uniform in size and shape, 16 to 20 straight rows of deep, pure white kernels on a small white cob. Matures in 100 days. Postpaid, 1 gallon 55c; not prepaid, 1 gallon 35c. Quantity prices on Green Ink List.

Russell-Heckle's Gourd Seed Red Cob A dandy, long deep white grain set on a medium red cob. Ears good average size, 8 to 9 inches in length. Stalks usually bring two good ears. A southern grown variety that will do well in this section. Postpaid, 1 gallon 70c; not prepaid, 1 gallon 50c. Quantity prices on Green Ink List.

R.-H. Co.'s Top Notch Hickory King The grain is so wide and deep and the cob so small that often a single grain will cover the end of a broken cob. It has been called the Poor Man's Corn because it can be depended upon to produce a crop on poor; thin land. On good land it bears two ears to the stalk. Postpaid, 1 gallon, 70c; not prepaid, 1 gallon, 50c. Quantity prices on Green Ink List.



R.-H. Co.'s Top Notch Silver Mine.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

R.-H. Co.'s Top Notch Paymaster

We indorse this corn as one of the most satisfactory and heavy yielding varieties for the southern farm. Its origin is southern, its reputation is southern and its nature is southern. It is similar in type to the well-known Tennessee White, Red Cob, but the ears are not as large and it produces two to the stalk. Matures in about 110 days. The cob is smaller, has well-filled butts and tips and will shell more corn than the Tennessee. The grain is deep white, the cob is bright red, the type is standard and popular. Postpaid, 1 gallon 60c; not prepaid, 1 gallon, 40c.

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Tennessee White Red Cob —

An extra large field corn; grains long, broad and evenly lined on large red cob. The ears of this sort will run from 9 to 12 inches long and have from 18 to 20 rows. This is not only one of the largest grain, greatest yielding and one of the highest feeding and best milling corns grown in the South, but owing to the fact that the stalks grow from 8 to 12 feet high, are broad, strong and short-jointed, it makes one of our best ensilage corns. Matures in 120 days. Postpaid, 1 gallon 60c; not prepaid, 1 gallon 40c.

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch St. Charles White Red Cob —

The ears are large, both in length and circumference. The grains are deep and firmly set in a medium large red cob. Matures in about 100 days. Postpaid, 1 gallon 55c; not prepaid, 1 gallon 35c.

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Jarvis Golden Prolific

This is one of the finest corns for this section on our list. A natural drouth resisting variety, one of the few varieties of Yellow Corn that produces more than one ear. It is just hard enough to withstand any kind of weather in the fall. Crops have been left in the field until early spring and then came out good, sound corn.

A native southern Yellow Corn—carefully bred—and one that bears two good ears to the stalk. The stalk is rather dwarf, 6 to 8 feet high, and does not fall down in stormy weather. Grains are a deep golden-yellow; ears are firm and solid, about 7 to 10 inches long. The grain is medium in size. This is a very productive and desirable variety, and is drought resistant.

Our seed is all carefully selected. It will please you.

Postpaid, 1 gallon 60c; not prepaid, 1 gallon 40c.

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Early Yellow Dent

When you desire an early maturing, yellow corn, buy R.-H. Co.'s 90-Day Yellow Dent—a hustler, very productive and desirable all around. Postpaid, 1 gallon 55c; not prepaid, 1 gallon 35c.

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Gold Mine A dandy big eared yellow corn that succeeds well in this section. Grains medium long, bright yellow and set on medium to large size ear about 8 inches in length. Does well on good uplands. Matures in about 105 days. Postpaid, 1 gallon 55c; not prepaid, 1 gallon 35c.

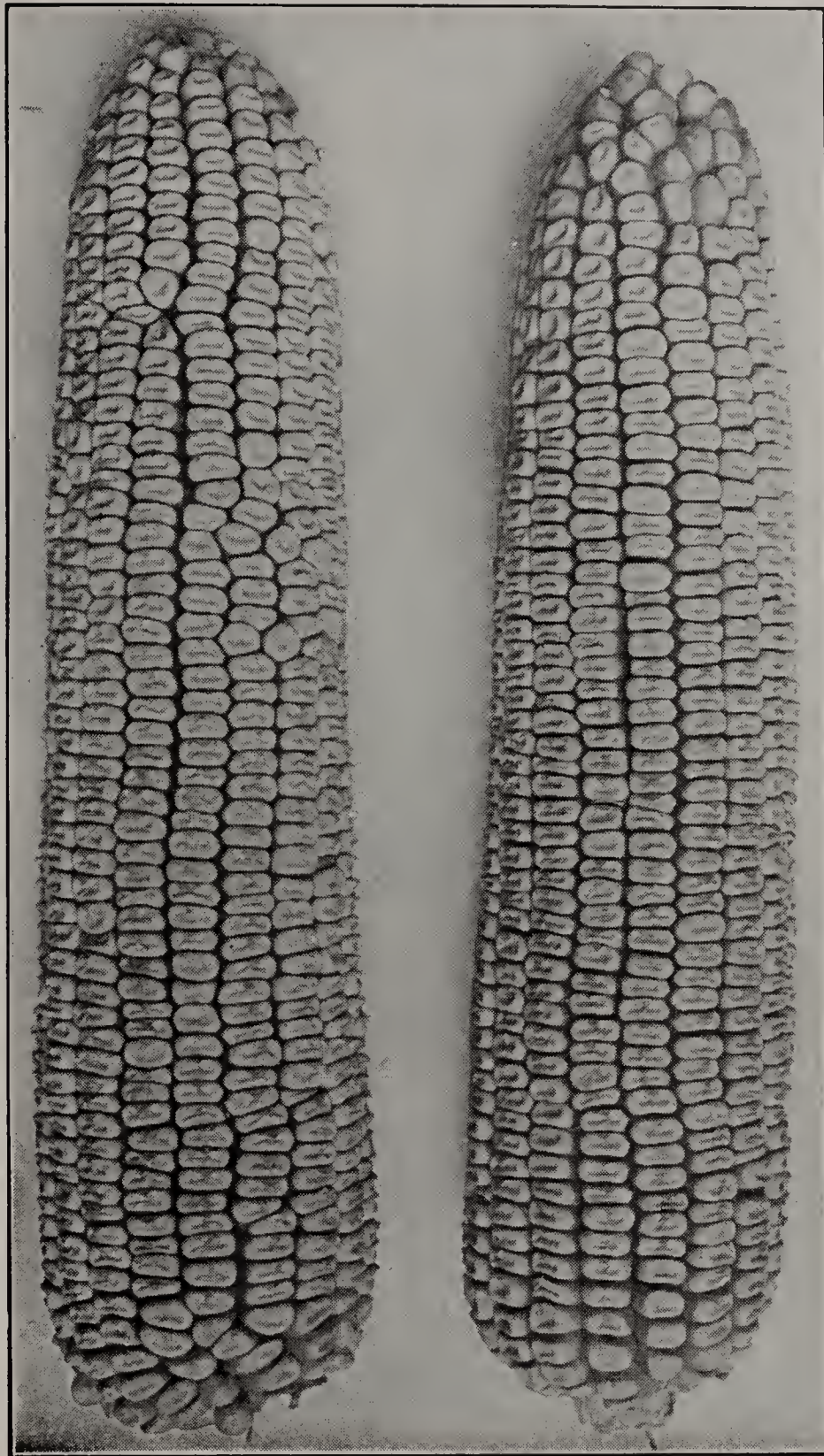
Quantity Prices on Green Ink List.

HOW TO MEASURE CORN IN THE CRIB

This will apply to crib of any kind. Three cubic feet of sound dry unshucked corn in the ear will make a bushel.

To get the quantity of shelled corn in a crib of corn in the ear, measure the length, breadth and height of the crib inside of the rail, multiply the length by the breadth and then multiply the product of these two dimensions by the height; then divide the product by three and you will have the number of bushels in the crib.

2½ cubic feet of corn without shucks, equal one bushel of ear corn.



R.-H. Co.'s Jarvis Golden Prolific

R.-H. Co.'s Top Notch Native Bloody Butcher

Yields fine on good land, and the best poor land corn we know; stands summer droughts extra well. Our grower has field selected for years so that ears almost all hang down, avoiding weather damage and bird damage. Matures in about 120 days.

Deep all-red grains, ears 10 to 11 inches long, 14 to 18 rows of kernels, one and two ears to stalk. We recommend this corn—try it. Postpaid, 1 gallon 70c; not prepaid, 1 gallon 50c.

Quantity Prices on Green Ink List.

R.-H. Co.'s Top Notch Early White Dent —

Selected with the idea of furnishing our customers a dependable and extra productive, early-maturing variety. Grains white, of medium size, cob white, ear 10 to 12 inches long, stalk of medium height. A fine White Corn for general crop, earlier than most standard varieties. Postpaid, 1 gallon 55c; not prepaid, 1 gallon, 35c.

Quantity prices on Green Ink List

R.-H. Co.'s Top Notch Tennessee Mammoth Yellow Dent

The largest and one of the best of the yellow corns, ears average 12 inches in length, 14 to 16 rows, medium cob. The grains are broad, deep and of a beautiful golden-yellow color. Ears nearly always filled out to the extreme tip. Matures in about 110 days. R.-H. Co.'s Mammoth Golden Dent Corn is strictly Tennessee-grown and will please everyone who plants it. Postpaid, 1 gallon 70c; not prepaid, 1 gallon 50c.

Quantity Prices on Green Ink List.

PRICES

Account catalog going to press before spring market has been established on Seed Corn, we are unable to quote quantity prices.

(For current prices see Special Green Ink Price Sheet enclosed.)

R.-H. Co.'s Top Notch Mexican June Corn

Our native grown selected strain. This dependable variety, largely planted late in the spring throughout the entire Cotton Belt, originally came from Mexico. It is largely used for planting after oats and wheat. We do not advise sowing before May 1st if grain is wanted, and can be planted as late as August 15th with good results. The stalks are usually short, although early plantings make stalks 12 to 15 feet high, leaves 4 to 6 feet long. The roots run deep and spread, so that it is splendid drought resister. Ears 8 to 9 inches long, grains short to medium, cobs medium in size, and while usually white, occasionally you'll find a red cob and always considerable blue grains, making a very attractive ear. This apparent mixture of color is peculiar to many varieties of Mexican corn. Mighty fine for "roasting ears" for use right up to frost. Postpaid, 1 gallon 60c; not prepaid, 1 gallon 40c.

Quantity Prices on Green Ink List.

Semesan Jr. is used as a dust disinfectant to control the ear, root and stalk rots of corn. In tests conducted in both Illinois and Iowa by the Federal and State governments, SEMESAN JR. increased yields from diseased seed by varying amounts up to 38%.

SEMESAN JR. is applied only as a dust, at the rate of three ounces per bushel of seed. The cost therefore is only about 5c an acre of field corn. Send for SEMESAN JR. Corn Pamphlet with full directions. Price, 4-oz. tin 40c; 1 lb. tin \$1.50; 5 lb tin \$7.00; cannot be mailed.

Hand Corn Planters Especially desirable for replanting corn, etc. Both styles, either the one-hand or two-hand planters are accurate, strong and durable. They can be set to plant two to six grains in a place as required; simple and easy to operate.

Price: One-hand planter \$1.65 each; two-hand planter \$1.20 each, f. o. b. Memphis.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

RUSSELL-HECKLE'S NURSERY DEPARTMENT

Our trees are first-class and true to name. We represent one of the largest and most reliable nurseries in the South.

Set out small trees. They are more certain to grow and will bear fruit just as early as any large or older tree. It is a mistake to reset any tree older than two years.

CERTIFICATE OF INSPECTION
Issued annually by the Tennessee State Entomologist, showing freedom of our stock from San Jose Scale and other injurious insects and diseases, will be attached to every shipment.
Terms are strictly cash, F.O.B. growing station. No. trees shipped C.O.D.

PEACH TREES

Varieties given ripen in order named, the earliest being Mayflower.

Price two year trees, 4 to 6 ft., each, 35c; 10 for \$2.60.

Price one year trees, 2 to 3 ft., each, 25c; 10 for \$1.50; 100, \$10.00

MAYFLOWER—Medium size, red skin, firm flesh. Freestone.

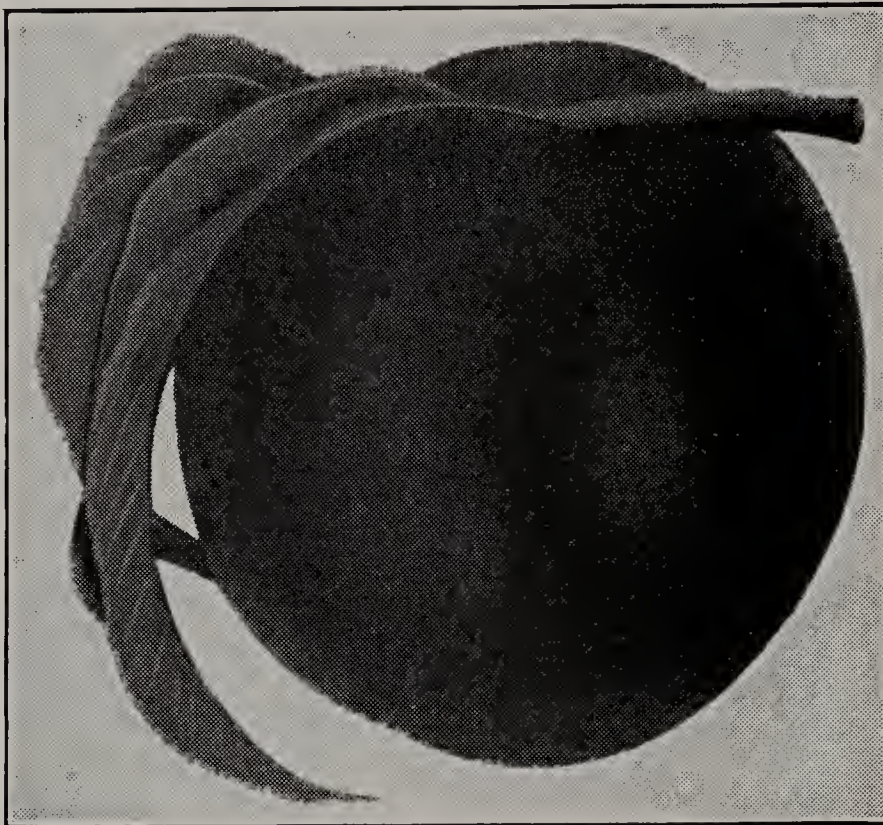
RED BIRD—Extremely early, a money-maker. Flesh is creamy white, of fine firmness. The outside skin is brightest red, highly colored.

EARLY ROSE—Early. Fruit fair sized, highly colored. Cling.

ARP BEAUTY—Medium size, yellow skin touched with red. Flesh yellow. Free.

GREENSBORO—Skin white with red cheek, flesh white and juicy. Free.

CARMAN—Large size. Flesh creamy white tinged with red. Freestone.



Carman Peach

APPLE TREES

Price two years trees, 4 to 5 ft., each, 40c; 10 for \$2.80.

Price one year trees, 2 to 3 ft., each 25c; 10 for \$1.60; 100 \$12.

EARLY HARVEST—Medium size pale, yellow, juicy. May and June.

YELLOW TRANSPARENT—Greenish-yellow skin; white flesh. One of the earliest to ripen. May and June.

RED JUNE—Deep red skin; white flesh, tender and very juicy. June and July.

YELLOW HORSE—Large; greenish-yellow skin; flesh acid. July and August.

DELICIOUS—Fruit large and easily identified by its sheep-nose shape. Skin dark red; flesh fine-grained. Late fall.

GRIMES GOLDEN—Large size, golden-yellow.

S T A Y M A N WINESAP — Skin dark red; flesh crisp and juicy. October.

WINESAP—Good quality dark red skin; crisp, sub-acid flesh. September and October.

YATES—Small. Skin dark red with white dots.

HYSLOP CRAB — Large, dark fruit. Tree very productive.

SPECIAL NOTICE

All roses, plants, shrubs and trees—in fact, everything in the nursery department—will be shipped separately from seeds or other merchandise. All nursery stock is shipped direct from our growers very promptly. Please bear this in mind in case your order includes nursery items. We recommend express shipment for all plants, shrubs and trees.



Delicious Apple

PLANET JR. No. 17 Single Wheel Hoe

Equipment one large garden plow, three steel cultivator teeth, one pair 6 inch hoes. Has steel frame with 15 inch steel wheel.

Price complete \$7.50



Abundance Plum

PLUM TREES

Price two year trees, 4 to 5 ft., each, 40c; 10 for \$3.00.

Price one year trees, 2 to 3 ft., each, 25c; 10 for \$1.50; 100, \$12.

ABUNDANCE — (Japanese) — Large; amber in color, changing to red. Ripens a week later than Red June.

BURBANK — (Japanese)—Fruit large, deep red overlaying a yellow ground. Flesh deep yellow and very sweet. July.

RED JUNE — (Japanese)—Deep red skin, light yellow flesh; sub-acid. A semi-cling, ripening in June and July.

SHROPSHIRE DAMSON — The most desirable preserving variety. Ripens August.

WILD GOOSE — (Native)—Fruit large, red, richly acid. Ripens early.

Spray Fruit Trees

If you want good quality fruit. Our spray-guide in this book will give you complete directions.

Grape Vines

Two year strong plants. Each, 20c; 10 for \$1.50, 100, \$10.00. Lutie 5c each higher.

CONCORD—Berry large, blue-black in color. Very sweet.

DELAWARE—Berry small, red. Very fine flavor.

DIAMOND—Berry greenish white borne in large, compact bunches. Juicy and sweet.

MOORE'S EARLY—Extra early, black grape. Ripens two weeks ahead of Concord.

NIAGARA—Large, white. Fruit tender, skin tough.

LUTIE—Fruit large, dark red. Very sweet.

Scuppernong Grapes

Two year, each, 40c; 10 for \$3.50; 100 for \$30.00.

SCUPPERNONG—Berries medium to large. Russet-brown. Sweet.

JAMES—Large, black fruit borne in clusters of ten to twenty berries.

THOMAS—Small sized clusters of dark red fruit. Excellent flavor.

Apricots

Price two year trees, 4 to 5 ft., each, 50c; 10 for \$3.60.

EARLY GOLDEN—Small, pale orange. Flesh yellow. Sweet and juicy.

ROYAL—Fruit medium to large size. Yellow with orange cheek.



Concord Grapes

Pear Trees

Price two year trees, 4 to 5 ft., each, 50c; 10 for \$3.60.

Price one year trees, 2 to 3 ft., each, 35c; 10 for \$2.00; 100, \$16.00.

BARTLETT—Best of the eating Pear. Large size, skin yellow with red blush.

LECONTE—Fair sized, yellow, bell-shaped. Tree bears young.

SECKEL—Small, yellowish brown. Flesh very sweet.

GARBER—Similar to Kieffer in appearance, ripening earlier.

KIEFFER—Large size, skin golden yellow with blushed cheek.

PINEAPPLE—Practically blight-proof. Very desirable.

Cherry Trees

Price two year trees, 3 to 5 ft., each, 50c; 10 for \$3.60.

Price one year trees, 2 to 3 ft., each, 40c; 10 for \$2.80; 100, \$24.00.

GOVERNOR WOOD—(Sweet) —Medium size, pale yellow with pink flush.

EARLY RICHMOND — (Sour) — Medium size, bright red. Ripens last of May.

LARGE MONTMORENCY — (Sour) — Larger than Early Richmond and ripens about ten days later. Bright red.

BLACK TARTARIAN—(Sweet) —Fruit large, black, heart-shaped.

Quince

Undoubtedly the Quince is the pearl of all fruit for preserving purpose, possessing a flavor which is quite distinct and pleasing.

Price two year trees, 3 to 4 ft., each, 60c; 10 for \$4.00.

ORANGE—Most popular. Fruit large, bright yellow with excellent flavor.

PLANET JR. No. 119

High Wheel Garden Plow and Cultivator

A superb garden plow with a high wheel, strong and durable. Equipment:

1-1½ inch cultivating tooth

1-4 inch cultivating tooth

1 Plow

1 Reversible Scuffle Blade

Price all complete \$4.25.

Fig Bushes

Two year, 3 to 4 ft., each, 50c; 10 for \$4.

One year, 2 to 3 ft., each, 40c; 10 for \$3.

BROWN TURKEY—Fruit fair sized, pear-shaped; skin coppery-brown. Very hardy.

CELESTIAL—Small, violet colored. Very prolific, sweet, and of excellent quality. Hardest of all Figs.

Special Fig

Magnolia, very large, bears every year.

Not less than 10 shipped direct from our nursery, and separately from all other nursery stock. 10 for \$4.50; 25 for \$7.50; 100 for \$20.00.

Mulberry

Valuable for shade in hog pastures and chicken yards.

Price two year trees, 4 to 5 ft., each, 60c; 10 for \$4.00.

HICKS—Most popular of all. Fruit black, sweet and well flavored.

Asparagus Roots

MARY WASHINGTON — Price: Strong 2 year roots, doz., 35c; 50, \$1.00; 100, \$1.70; postpaid. Not prepaid, doz., 25c; 50, 75c; 100, \$1.25; 1,000, \$10.00.

Horseradish Roots

MALINER KREN (Bohemian) — Large, strong cuttings. 35c per dozen; \$2.00 per 100; \$15.00 per 1,000. If wanted by mail, add 10c per dozen for postage.

Rhubarb Roots

Two-year roots, each 30c; 6 for \$1.25; 12 for \$1.85; postpaid. Not prepaid, each 20c; 6 for \$1.00; 12 for \$1.50. One-year roots, each, 15c; 6 for 65c; 12 for \$1.00; postpaid. Not prepaid, each, 10c; 6 for 50c; 12 for 75c.

PLANET JR. No. 19

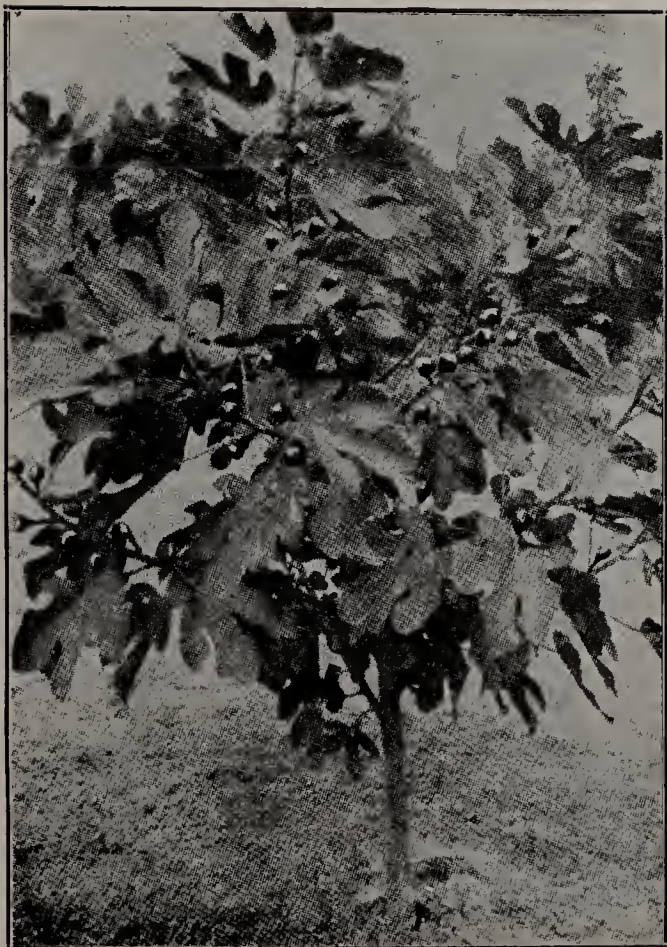
GARDEN PLOW AND CULTIVATOR

Easy to operate. It is built for real service in the garden. Equipment one 2-inch cultivator tooth, one 10-inch sweep and one plow.

Price complete \$4.75.



Leconte Pear



Brown Turkey Fig

Raspberry Plants

Price any following varieties: 10 for 95c; 100 for \$5.50; postpaid. Not prepaid, 10 for 75c; 100 for \$5.00.

CUMBERLAND—Large, firm, oval-shaped berry. The best of the black varieties.

CUTHBERT—Large berry, red, firm and juicy.

KANSAS—Jet black, does well in this section.

ST. REGIS—Medium sized fruit, bright red.

Blackberry Plants

Price either of following varieties: 10 for 90c; 100 for \$5.25; postpaid. Not prepaid, 10 for 70c; 100 for \$4.75.

EARLY HARVEST—Extra early. Medium sized berries of good quality.

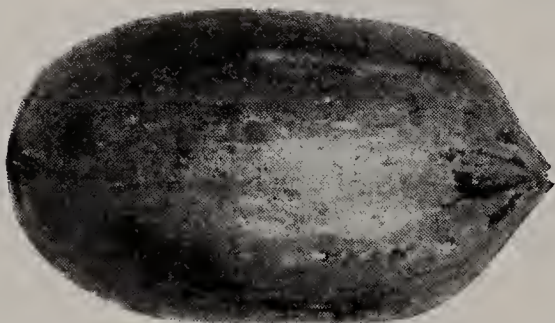
ELDORADO—Large, sparkling black fruit. Very sweet.

Everbearing Strawberry Plants

MASTODON—The world's greatest everbearing strawberry. In size and quality Mastodon heads the list. Price postpaid: 25 plants, 75c; 50, \$1.25; 100, \$1.75. Not prepaid, 25, 60c; 50, \$1.00; 100, \$1.50; 500, \$4.50.

Youngberry Plants

A hybrid of the Loganberry and the Austin Dewberry. Fruit pink, turning to wine color. Raspberry flavor, excellent for jam and jelly. Postpaid, 10 for \$1.40; 100 for \$8.60. Not prepaid, 10 for \$1.20; 100 for \$8.



Stuart Pecan

tion. All trees sold f.o.b. nursery at Monticello, Fla., and shipped separately from all other nursery stock. Buyer pays express charges.

Price, each, \$5.00; 24 trees or more at \$4.50 each.

Standard Grafted Pecans

2 to 3 ft. trees.....each 75c; 10 for \$4.00
3 to 4 ft. trees.....each 90c; 10 for \$5.00
4 to 5 ft. trees.....each \$1.00; 10 for \$7.00

FROTSCHER—Medium to large size, nut rather long.

SCHLEY—Finest for eating. Nuts long, thin-shelled, well filled.

STUART—Nuts of good size; shell medium thin.

SUCCESS—Resembles Stuart, but larger. Nuts thin-shelled.

Write for special prices on larger quantities.

Nut Trees

American Sweet Chestnut, 2 to 3 ft.....each 75c
English Walnut, 2 to 3 ft.each 90c



Privet Hedge

Hedge Plants

A MOOR RIVER PRIVET—Almost entirely evergreen. Upright; dark green leaves. 18 to 24-inch. 25 for \$1.25; 100 for \$3.60.

CALIFORNIA PRIVET—Leaves dark green. May be trimmed as desired. 18 to 24-inch. 25 for \$1.00; 100 for \$3.00. Other sizes and varieties quoted on request.



St. Regis Raspberry

Strawberry Plants

Set in March and April in rows 3½ feet wide and 15 inches apart in the row. We can furnish any of the following varieties, but they will be shipped separate from any other trees or plants on our list. Plants ready in March.

PRICES—Each variety, uniform as follows: 50 plants, 65c; 100, 90c; 250, \$1.50; 500, \$2.25; 1,000, \$3.20; postpaid. Not prepaid, f.o.b. nursery: 100, 60c; 250, \$1.25; 500, \$2.00; 1,000, \$2.75; 5,000, \$11.25.



AROMA—Large size; dark red and sweet.

BLAKEMORE—Red, very early and of fine flavor.

EXCELSIOR—Extra early; one of the best drought resisters.

KLONDYKE—A shapely, dark red berry of uniform size.

LADY THOMPSON—Widely planted over the whole country.

Flowering Shrubs

Two year strong plants.

	Each	10
Butterfly Bush, Buddleia.....	\$.35	\$2.50
Calycanthus .....	.40	3.00
Crepe Myrtle, Pink, Red, Purple.....	.40	3.00
Forsythia, Golden Bell .....	.25	2.00
Deutzia, Pride of Rochester.....	.25	2.00
Hydrangea, White, Hills of Snow.....	.35	2.50
Philadelphus, Mock Orange.....	.25	2.00
Philadelphus, Virginal .....	.35	3.00
Snowball, White .....	.35	2.50
Spirea, Bridal Wreath .....	.30	2.00
Spirea, Anthony Waterer.....	.30	2.00
Spirea, Thunbergii .....	.25	1.50
Spirea, Van Houtte .....	.25	1.50
Weigelia, Rosea .....	.25	1.50

Ornamental and Shade Trees

	Each
Dogwood, red flowering, 2-3 ft.....	\$1.50
Dogwood, white flowering.....	.75
Elm, Chinese, rapid grower, 6-8 ft.	1.25
Flowering Peach, red, pink, white.....	.75
Magnolia Grandiflora, 4-5 ft.	1.75
Maple, Silver, 8-10 ft.	1.00
Maple, Sugar, 8-10 ft.	1.50
Maple, Norway, 6-8 ft.	1.25
Poplar, Lombardy, 8-10 ft. ....	.80
Poplar, Tulip, yellowish green 5-6 ft.	1.00
Double Flowering Plum, blooms early, 3-4 ft.....	.80
Purple Leaved Plum, 4-5 ft. ....	.75
Redbud, American, 5-6 ft.	1.00
Texas Umbrella, rapid grower	1.00
Weeping Mulberry, drooping habit.....	1.75

Hardy Perennials

	Each	Doz.
Clove Pinks	\$.15	\$1.50
Coral Bell .....	.35	3.50
Hollyhocks, Assorted Colors .....	.15	1.50
German Iris, 8 varieties .....	.25	2.50
Japanese Iris .....	.25	2.50
Mallow Marvel Hibiscus .....	.40	4.00
Perennial Phlox, 5 colors .....	.20	2.00
Shasta Daisy .....	.25	2.50
Yucca Filamentosa .....	.50	4.50

Hardy Climbing Vines

	Each
Boston Ivy, bright green leaves.....	.40
English Ivy, glossy green leaves .....	.40
Virginia Creeper, fast grower .....	.45
Clematis Paniculata, small white.....	.35
Clematis Jackmani, large purple .....	.75
Halls Honeysuckle, white to yellow .....	.25
Scarlet Trumpet Honeysuckle .....	.35
Kudzu Vine, rapid growing, purple .....	.25
Wisteria Purple, lavender flowers .....	.50
Wisteria White, white flowers .....	.50

EVERBLOOMING BUSH ROSES

All two-year field grown hardy plants.

Set out Roses very early in the spring before the sap rises. They will be sure to grow and will bloom the first season. Remember these are all heavy outdoor-grown plants, two years old and they will please you.

All Roses will be pruned ready for planting.

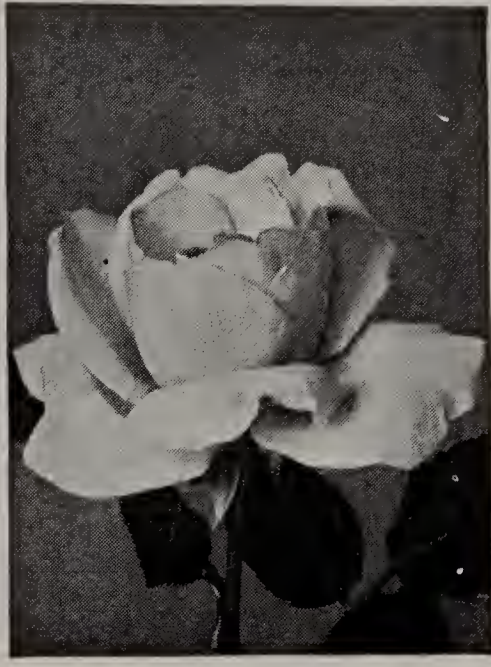
Price, any variety: Each 50c; 3 for \$1.20; 6 for \$2.25; 12 for \$4.00. By mail, each 65c; 3 for \$1.40; 6 for \$2.40; 12 for \$4.40.



Talisman



Souv. De Claudius Pernet



Ophelia



Columbia

Pink Roses

COLUMBIA—Clear pink, deepening to glowing pink.
JONKHEER J. L. MOCK—Large double pink, very fragrant.
MRS. CHAS. BELL—Shell pink with salmon shading, large.
PAUL NEYRON—Very large blossom, shining, fragrant pink.
PINK MAMAN COCHET—Carmine pink, outer petals silvery rose pink.
RADIANCE—Brilliant rose pink, delightfully fragrant.
WILLOWMERE—Large rich shrimp pink, yellow at center.
Wm. R. SMITH—Double salmon pink, cream and rose.

White Roses

EDEL—Pure white, tinted ivory at base.
FRAU KARL DRUSCHKI OR SNOW QUEEN—Large pure snow white.
BESSIE BROWN—Creamy white tinted flesh pink.
ANTOINE REVOIR—White, delicately flushed pink.
KAISERINE AUG. VICTORIA—Pointed bud, pure waxy white.
WHITE KILLARNEY—Long full bud white of beautiful form.
WHITE COCHET—Pure white, tinted flesh pink.

Red Roses

ETOILE De FRANCE—Clear dark red, center vivid cerise.
FRANCIS SCOTT KEY—Large full deep red, very handsome.
GENERAL JACQUEMINOT—Shining bright crimson, velvety appearance.
HADLEY—Deep velvet crimson, double, fragrant.
HIS MAJESTY—Crimson, shading deep vermillion at edges.
NATIONAL EMBLEM—Crimson overlaid with dark red; handsome.
RED RADIANCE—Bright clear shade of pure red, fine bloomer.

Yellow Roses

ALEXANDER HILL GRAY—Deep lemon yellow, well formed deep bud.
DUCHESS OF LUXEMBOURG—Apricot shaded orange, yellow and pink.
ETOILE De LYON—Large bright, sulphur yellow, fragrant.
LADY HILLINGDON—Golden Yellow, long pointed full bud.
LOS ANGELES—Rich flaming pink shaded golden yellow.
MADAME BUTTERFLY—Perfect form, lovely shade of Indian yellow.
NATALIE BOTTNER—Delicate creamy yellow, full bloom.
OPHELIA—Salmon shading to rose, full and double.
SUNBURST—Orange copper shaded deepest golden.

Climbing Roses

Strong 2 year No. 1 grade plants.

Each, 50c; 3 for \$1.20; 6 for \$2.25; 12 for \$4.00. By mail, each, 65c; 3 for \$1.40; 6 for \$2.40; 12 for \$4.40.

Climbing American Beauty—Rosy crimson pink.
Climbing K. A. Victoria—Large pure white.
Climbing Lady Ashtown—Soft rose pink.
Climbing Paul's Scarlet—Brightest deep red.
Climbing Dr. Wm. Van Fleet—Flesh pink, showy.
Climbing Mary Wallace—Bright rose pink.
Climbing Marechal Niel—Large golden yellow.
Climbing Silver Moon—Semi double pure white.
Climbing Crimson Rambler—Rich crimson, in clusters.
Climbing Columbia—Glowing pink, very large.



Climbing Paul's Scarlet Rose



Rev. F. Page Roberts
Bush Rose

Special Roses

Strong two-year-old field grown bushes.

Each, 60c; 3 for \$1.50; 6 for \$2.50. By mail, each 75c; 3 for \$1.75; 6 for \$2.75.

PRESIDENT HERBERT HOOVER—A glorious new rose, unfolding its broad, thick petals from a beautiful bud. Vivid cerise pink, softly flamed with yellow, orange and scarlet.
TALISMAN—A gorgeous assembly of colors never before presented in any one rose. Here are the strong colors exhibited: gold, apricot, yellow, blood orange, deep pink, and old rose. A beautiful flower in bud and bloom.

DAME EDITH HELEN—Magnificent vivid pink, a fragrant, full-bodied rose.

REV. F. PAGE ROBERTS—A fine, big, colorful rose, a full, shapely flower, golden yellow stained outside with red.

SOUV. DE CLAUDIUS PERNET—Flower large and full, unfading sunflower, yellow, deeper toned at the center.

SENSATION—Large glossy deep Crimson.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

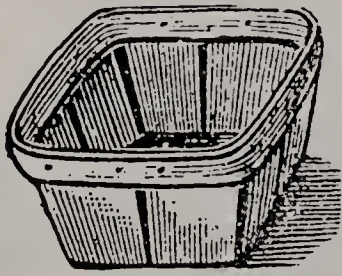
FLOWER POTS AND GARDEN TOOLS



Standard Flower Pot



Paper Flower Pot



Quart Strawberry Box

FLOWER POTS

	Doz.	100		Each	Doz.
2½ inch	\$.20	\$1.35	6 inch	\$.08	\$.75
3 inch	.30	1.65	7 inch	.15	1.10
4 inch	.35	2.25	8 inch	.20	2.10
5 inch	.60	4.00	10 inch	.40	4.25
			12 inch	.75	8.40

Flower Pots without Saucers F. O. B. Memphis

NEPONSET PAPER FLOWER POTS

2½ inch	100, \$.55; 1,000, \$4.25.	100 Postpaid \$.70
3 inch	100, .70; 1,000, 6.00.	100 Postpaid .90
4 inch	100, 1.00; 1,000, 8.75.	100 Postpaid 1.20

HANGING WIRE FLOWER BASKETS

8 inch, each 10c; Postpaid 20c.	15 inch, each 40c; Postpaid, 60c
	12 inch, each 30c; Postpaid 45c

GREEN SHEET MOSS

For lining hanging baskets. Requires ½ lb. for one 12-in. basket.
1 lb. 55c postpaid; Not prepaid, 1 lb. 40c; 10 lb. sack \$2.75.

SPAGHNUM MOSS

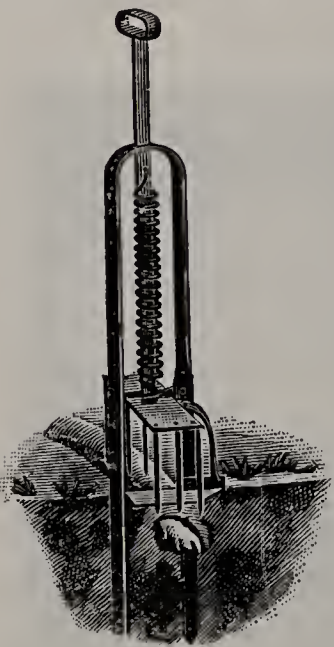
For packing trees, plants and shrubs. Holds moisture.
Per Bale about 20 lbs. \$2.00

STRAWBERRY AND PEACH BASKETS

1 Quart size	Per 100 \$.80; 1,000, \$ 7.50.	Postpaid, 100, \$1.15
1 Pint size	Per 100 .75; 1,000, 6.50.	Postpaid, 100, 1.00
3 Quart Peach	Per 100 1.50; 1,000, 13.50.	Postpaid, 100, 1.95

TREE AND PLANT LABELS—PLANT STAKES

3½ inch Wooden Tree Labels, copper wired	100, 45c; 1,000, \$2.50
4 inch Wooden Plant Labels	100, 40c; 1,000, 2.25
5 inch Wooden Plant Labels	100, 50c; 1,000, 2.50
4 foot Green Bamboo Plant Stakes	Doz. 20c; 100, .95
4 foot Natural Cane Plant Stakes, ¾ in.	Doz. 75c; 100, 6.00



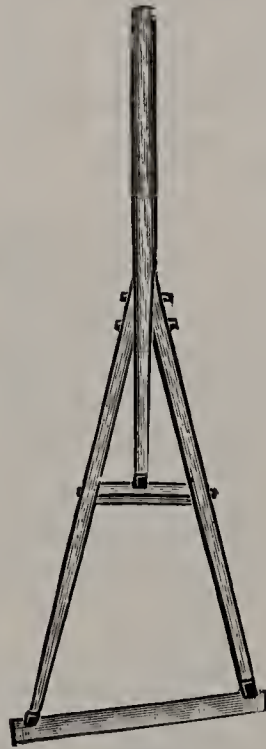
Mole Trap



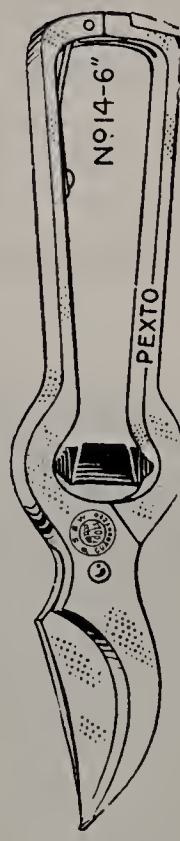
Cotton Picking Sacks



Pruning Saw



Lively Weed Cutter



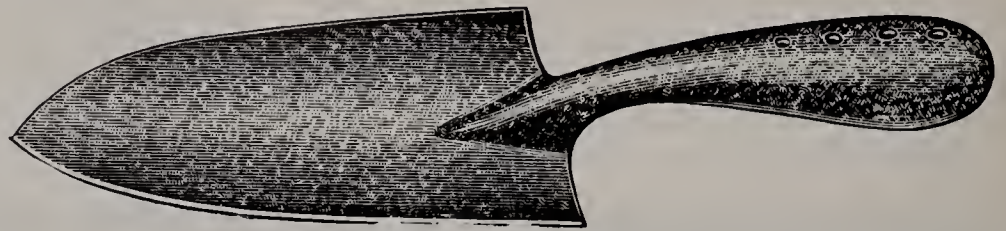
Hand Pruning Shears



One-Hand Corn Planter

MISCELLANEOUS TOOLS

Reddick Steel Mole Trap	Each \$1.00
Lively Hand Weed Cutter	Each 1.50
No. 170 Village Hand Weed Cutter	Each 1.25
Victory Hand Weed Cutter	Each .75
Two-Hand Corn Planter	Each 1.20
One-Hand Corn Planter	Each 1.65
Planet Jr. No. 19 Garden Plow	Each 4.75
Planet Jr. No. 4 Garden Seed Drill	Each 18.00
Steel Garden Hoe, 6½ inch	Each .85
Steel Garden Rake, 14 tine	Each 1.20
Steel Onion Hoe, 2 Point	Each .60
Steel Spading Fork, 4 Prong	Each 1.20
Masters Rapid Plant Setter	Each 2.50
Junior Garden Trellis, not painted	Each .75
Master Garden Trellis, not painted	Each 1.20



Garden Trowel

HAND GARDEN TROWELS AND FORKS

No. T 18-6 inch Steel Garden Trowel	Each 20c
No. T 20 Long Handle Garden Trowel	Each 30c
No. 7-6 inch Aluminum Garden Trowel	Each 50c
Planet Jr. Lifetime Bulb Trowel	Each 60c
No. F 40-4 Prong Steel Hand Garden Fork	Each 35c
Pressed Steel Asparagus Knife, 16 inch	Each 40c
No. 220 Best Steel Asparagus Knife	Each 50c
No. 8 6-inch Aluminum Transplanting Trowel	Each 40c

PRUNING AND HEDGE SHEARS

No. 1408-8 inch Steel Hand Pruning Shears	Each, \$1.00
No. V 149 Heavy Steel Hand Pruning Shears	Each, 1.75
Model B Lion or Swiss Hand Pruning Shears	Each, 2.25
No. 900-9 inch Polished Hedge Shears	Each, 2.00
No. 700-7 inch Ladies Hedge Shears	Each, 1.50
No. V 20-26 inch Pruning Tool	Each, 1.75
No. V 30-26 inch Pruning Tool	Each, 2.25
No. V 50-15 inch Pruning Tool	Each, 1.25
Moe's Telephone Tree Pruner, less handle	Each, 1.25
Virginia Curved Pruning Saw	Each, 1.25
No. 90 Grass or Sheep Shears	Each, .35
No. 3-6 inch Grasnips	Each, .50
No. IP Grass Hooks, plain edge	Each, .40
No. 30 Grass Hooks, serrated edge	Each, .50
No. 3 Offset Grass Hook, plain edge	Each, .60
No. 600-28 inch Scythe Blades	Each, 1.75

COTTON PICK SACKS

4½ foot	8 oz. Osnaburg Heavy Quality	Each 45c	6 foot	Each 55c
7½ foot		Each 65c	9 foot	Each 75c

By mail, 15c each extra

THERMOMETERS

No. 5440 Tin Case Weather Thermometers	Each, 30c
No. 5140 Wooden Case Weather Thermometers	Each, 50c
No. 5794-5 inch Brooder Thermometer	Each, 50c

TWINES-BASKETS

2 Ply Jute Twine	½ lb. Balls 10c; 12 Balls \$1.00
2 Ply Jute Twine, extra quality	½ lb. Balls 15c; 8 Balls \$1.00
2 Ply Jute Twine, 50 pound coil, 100 ends	Per coil \$6.50
2 Ply Jute Twine, extra fine, 50 lb. coil, 100 ends	Per coil \$8.50
Half Bushel Picking Baskets with bale	Doz. \$2.00
One Bushel Stave Baskets, wire handle	Doz. 1.00

THE WONDER HOE

Takes the place of six ordinary implements, hoe, spade, drill, cultivator, weed picker and lawn edge trimmer. The Wonder Hoe is the modern way to care for your flower garden and yard. Shaves grass from the edge of walks, works in between tall plants without exertion. No chopping; you push and pull and the work is done.

The Wonder Hoe must be used to be appreciated. Get circular. Price, each \$1.75.

R. H. CO.'S FERTILIZERS

How to Use Fertilizers Fertilizers can always be used to good advantage by opening up the row, sprinkling thinly the fertilizer; then cover same with a little soil and then sow your seed. Or, they can be used by working them into the soil along the rows after the plant is up, care being taken not to let it come in contact with the leaves or stem of the plant. For plants that are transplanted, work the fertilizer into the soil thoroughly before transplanting, using from a teaspoonful to a small handful, according to the size and the nature of the plant. Fifty pounds of garden fertilizer is sufficient for a garden 40x50 feet.

The best way to apply fertilizers to field crops is to use a fertilizer drill. Otherwise sow broadcast after planting, then harrow into the soil as thoroughly as possible. For all field crops, use 200 to 400 lbs. per acre, according to the soil.



R.-H. Co.'s Sheep Manure

A pure, natural manure, free from all noxious weeds. Highly recommended and used largely as a fertilizer for lawns, potted plants, vegetables, flowers, etc. It furnishes a natural humus to the soil, giving immediate and lasting results. Easy to use and safe, as it does not burn.

It may be used at the rate of 20 to 50 lbs. to every 1,000 square feet in a dry form, or 500 to 1,000 lbs. per acre.

Prices: 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 70c; 50 lbs. \$1.20; 100 lbs. \$2.00. By parcel post, 5 lbs. 45c; 10 lbs. 65c.

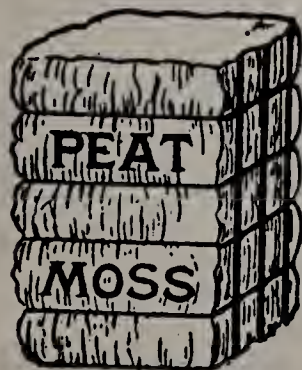
NITROPHOSKA

Nitrophoska contains 15 per cent nitrogen, 30 per cent phosphoric acid, and 15 per cent potash—all of which is soluble and easily available for rapid, sturdy growth.

Five to ten pounds of Nitrophoska (depending upon the natural richness of the soil) is enough to fertilize 1,000 square feet of lawn or garden.

These new air-nitrogen fertilizers are the gift of modern science to the farmer and the home-owner. They are three to four times as strong as any other material. 3 lbs. 25c; 10 lbs. 60c; 25 lbs. \$1.25.

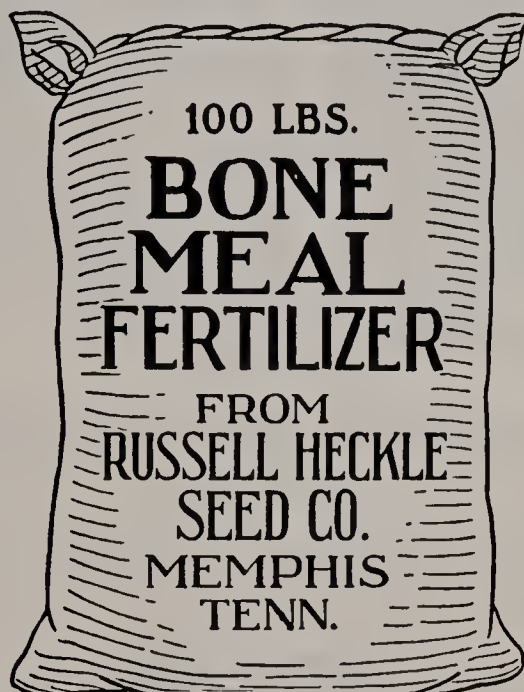
Peat Moss



A moisture-retaining humus. Quickly decays so that it is available for plant food. It is excellent for potting bulbs and also for clayey soils, gravelly soils, flower beds, hotbeds, and as a winter protection for lawns. It is also

good for mulching roses, perennial flower beds, evergreens, etc.

Prices—Not prepaid, trial bale containing 2 bushels (compressed) \$1.20; postpaid, \$1.60. Not prepaid, large 20 bushel bale (compressed) \$3.75.



R.-H. Co.'s Bone Meal Fertilizer

We guarantee our Bone Meal to analyze 24% phosphoric acid and not less than 2.47% ammonia. Bone Meal is an excellent fertilizer for all kinds of fruit trees, rose bushes, grape vines, bulbs, ferns, and other potted plants; and for grass crops. It is especially desirable for producing solid, firm growth, which is an important feature in fertilizing the orchard, shade trees, shrubs, etc. Fine for lawns. 5 lbs. 25c; 10 lbs. 40c; 25 lbs. 90c; 100-lb. sack \$2.50; by parcel post, 5 lbs. 45c; 10 lbs. 70c.

for Velvety-green Lawns

feed regularly with this complete, balanced diet

VIGORO
Complete plant food



Vigoro

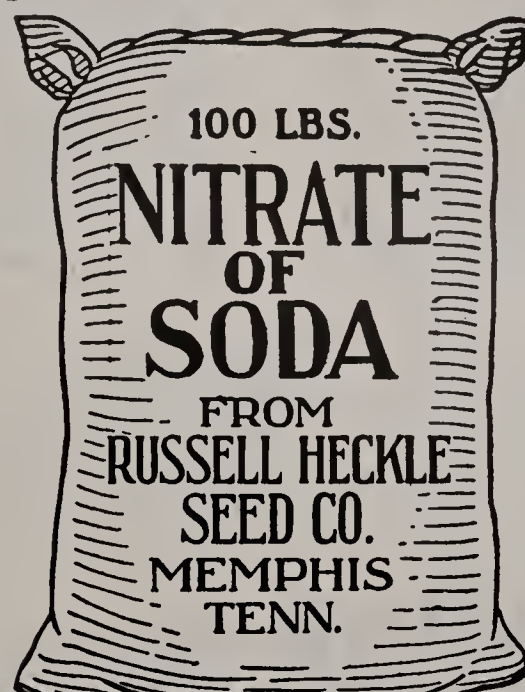
A highly concentrated odorless plant food made by Swift & Co. Produces wonderful results when making new lawns or top dressing old ones. Vigoro produces more and more brilliant flowers, full foliaged shrubbery, delicious vegetables and leafy trees. It is the ideal plant food for whatever you grow. Write for descriptive pamphlet. Prices: 12-oz. pkg. 10c; 5 lbs. 50c; 10 lbs. 85c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.00. By mail, 12-oz. pkg. 18c; 5 lbs. 65c; 10 lbs. \$1.10.



Stim-U-Plant

Stim-U-Plant is an odorless, highly concentrated plant food, in tablet form, with guaranteed chemical analysis of 11 per cent nitrogen, 12 per cent phosphoric acid, 15 per cent potash.

Price 30 for 25c; 100 for 75c; 1,000 for \$3.50. Postpaid, 30 tablets 28c; 100 tablets 80c; 1,000 tablets \$3.65.



Nitrate of Soda

Everyone that used Nitrate of Soda on the cotton crops was well repaid for the expense. Application of Nitrate of Soda on cabbage, lettuce, beets, etc., makes them more crisp and tender. Always remember that Nitrate of Soda must be used carefully, as it is a caustic and will burn plants if used too liberally.

It requires about 150 pounds of Nitrate of Soda to the acre.

Prices: 5 lbs. 25c; 15 lbs. 60c; 25 lbs. 75c; not mailable.

Calcium Nitrate

15% Nitrogen; 50% Limestone Equivalent.

Calcium Nitrate is the most quickly and easily soluble of all nitrogen fertilizers. Even in a dry season it absorbs sufficient moisture from the soil to dissolve and begin feeding the crop at once. Prices given on application.

Sulphate of Ammonia

A wonderful fertilizer for lawn, garden or orchard. Guaranteed 25 1/4 per cent ammonia, highly concentrated, quick acting. Ammonia supplies nitrogen, the most essential plant food.

Prices in bulk: 5 lbs. 25c; 15 lbs. 60c; 25 lbs. 75c. By mail, 5 lbs. 45c; 15 lbs. \$1.00.

Jax

The triple strength plant food contains 17% Nitrogen, 33% Phosphoric Acid and 17% Potash and is completely water soluble. Gives quick and lasting results. Fine for lawns, flowers and vegetables, potted plants, etc. Package 15 tablets, 25c; 1 lb. 35c; 5 lbs. \$1.00; postpaid. Not prepaid, 1 lb. 25c; 5 lbs. 75c; 25 lbs. \$2.50; 100 lbs. \$8.00; f.o.b. Memphis.

Lawn and Garden Lime

Price: White Hydrated Lime, 10-lb. bag 25c; 40-lb. bag 60c; not mailable.

R.-H. Co.'s Commercial Fertilizers

Prices quoted on request. Analysis about as follows:

	Nitro.	Phos.	Pot.
Good Luck corn fertilizer	4%	8%	4%
Good Luck cotton fertilizer	4%	8%	4%
R.-H. Co.'s Veg. fertilizer	3%	8%	6%
R.-H. Co.'s Acid Phos.		16%	
R.-H. Co.'s Muriate Potash			48%
R.-H. Co.'s Cotton Seed Meal	7 1/2%		
R.-H. Co.'s Kainit Potash			
Salts			20%

Quantity Prices: For above prices on Fertilizers, see Green Ink List enclosed.

SPRAY MATERIALS AND INSECTICIDES

Our service in this department is free; do not fail to come to us for any information needed in the spraying line. We keep up-to-date and have in stock the very newest and best materials for spraying at all times.

Poisonous insecticides and liquids are not mailable. Prices are F.O.B. Memphis, and subject to fluctuations, buyer paying carriage charges, excepting where priced parcel post paid.



All Round Spray

Contains three leading remedies, Arsenate of Lead, Nicotine Sulphate and Bordeaux. Here you have a mixture by adding water that kills insects and cures plant diseases. 1/4 lb. pkg. 35c; 1 lb. pkg. 85c. Not mailable.

Antrol

Destroys ants the right way; gets them at their source; safe, permanent, effective. Quickly destroys sweet eating ants. The ants smell the syrup and eat it, then transmit its mild poison to the queen, thus destroying the whole colony.

Prices: Antrol Sets

4 containers, 1 4-oz. bottle syrup.....	\$.75
Antrol extra containers.....	.10
Antrol Syrup, 4-oz. bottle.....	.35
Antrol Syrup, pint bottle.....	.85



Arsenate of Lead

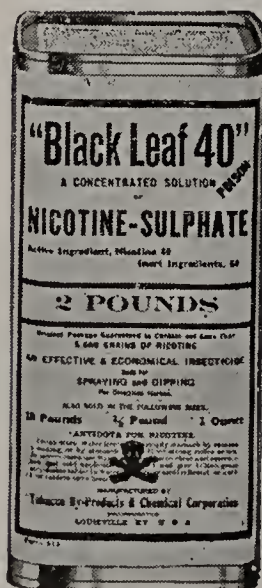
Kills every insect that eats it; superior in every way to Paris Green as it does not burn or scald the foliage; can be used dry as a powder or as a solution in water. 1 lb. bag. 25c; 1 lb. carton 35c; 4 lb. bag 80c. Not mailable.

Bee Brand Insect Powder

One of the most effective preparations; non poisonous, but death to all insect life on plants. Also kills fleas, ants, roaches, water bugs, flies, etc. 25c; 50c; and \$1.00 boxes. By mail 30c; 60c; and \$1.10.

Bi-Sulphide of Carbon

For keeping weevils and other insects out of grain and cow peas. Pour in shallow vessel and place on top of grain, covering the container, as the fumes descend into the grain. 1 lb. 60c; 5 lbs. \$2.00; not mailable.



"Black Leaf 40"

40% Nicotine
A nicotine solution for destroying aphids, lice, etc., on both garden and flowering plants. A teaspoonful makes 1 gallon of solution. This is one of the most effective preparations for general sucking insects. Kills poultry mites. Oz. bottles 35c; 5 oz. bottle \$1.00; 1 lb. pkg. \$2.10; 2 lb. pkg. \$3.10 5 lb. tin \$5.85; 10 lb. tin \$10.15; not mailable.



Bordeaux Mixture, Dry

The perfect spray for fungus diseases of Fruit Trees, Shrubs, Flowers, especially black spot on Roses. Fungus troubles must be prevented by spraying at regular intervals. Prices: lb. 25c; 4 lb. pkg. 70c. Cannot be mailed.

Bordeaux and Arsenate-Dowco

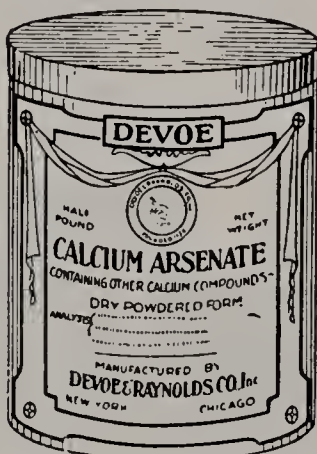
Controls at one spraying all fungus troubles and insects. Dry form, 4 lbs. \$1.20; not mailable. Paste, 1 lb. 45c; not mailable.

Blue Stone

Commonly known as Copper Sulphate. We have both the crystal and powdered or snow form of same. Blue Stone is used for making Bordeaux Mixture. Should be used for Peach Leaf Curl and Apple Blotch, 3 lbs. to 50 gallons of water. Price, 3 lbs. 30c; 10 lbs. 85c. See Green Ink List for quantity prices. Not mailable.

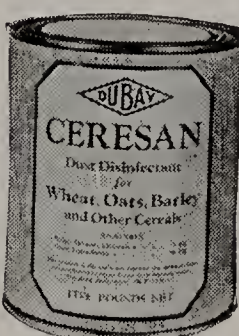
Bug Death

Very safe, being non-poisonous; effective on all garden insects. Price by freight: 1 lb. 25c; 5 lbs. \$1.00; 12 1/2 lbs. \$2.00. Parcel post: 1 lb. 35c; 5 lbs. \$1.20; 12 1/2 lbs. \$2.40.



CALCIUM ARSENATE

Kills effectively, Potato Bugs, Potato Beetles, Tomato Worms, Grasshoppers, Army Worm and Cotton Boll Weevil. Can be used dry mixed with lime or as a spray mixed with water. Does not burn the foliage. Directions come on packages. 1 lb. 25c; 4 lbs. 60c. Not mailable. See Green Ink List for quantity prices.



Ceresan

For seed grains and cotton seed. Ceresan is effective in controlling smut of wheat, oats, barley, sorghums, millet and rye, seedling blight of cereals. Also increases yield of cotton by preventing seed from rotting in cold, wet soil, permits earlier planting, controls damping-off, anthracnose, leaf-spot, producing better stands of vigorous plants. Use it to increase your grain and cotton yields. Only 2 ounces needed per bushel of seed wheat, rye, sorghums or millet, and 3 ounces per bushel of oats, barley and cotton. 1 lb. tin 75c; 5 lb. tin \$3.00; 25 lb. pail \$12.50.

Corrosive Sublimate

Used for treating sweet potatoes before bedding to prevent black rot and other fungus diseases. One ounce will make 8 to 10 gallons of water, enough to dip 8 to 10 bushels of sweet potatoes. 1/4 lb. 60c; 1/2 lb. \$1.00; 1 lb. \$1.50; 5 lbs. \$6.00; not mailable.

Copper Sulphate Solution

A first-class useful fungicide, and very handy. For mildew, blight and rust on fruit, flowers and vegetables. Especially recommended for blight on pear trees, black spot on roses, etc. To be diluted 75 times with water and sprayed. Used with general benefit. 1 qt. \$1.00; 1 gal. \$2.75; not mailable.

Cyanogas—A Dust

A simple way to get rid of pests. Use Cyanogas. Kills ants, rats, mice, moles, fleas, bed bugs, clothes moths, wax moths, pigeons, sparrows, chinch bugs on lawns, grape leaf hoppers, mealy bugs, melon aphids, etc. Cyanogas A Dust, 1 lb. 75c. Cyanogas is poison and cannot be mailed.

Dritomic Sulphur



It is easy to handle and ready to mix and can be used with arsenate of lead with a small amount of lime added. The use of Dritomic Sulphur will prevent all diseases, also insects and brown rot, and scab on peaches. 4-lb. pkg. 65c; by parcel post, 4-lb. pkg. 85c. APPLE DRITOMIC. This is especially for summer spray on apples. Cures blotch and codling moth. 4 lb. pkg. 65c. By parcel post, 4 lb. pkg. 85c.

Dry or Peach Mix

A condensed spray for Peaches and Plums as soon as the blossoms have fallen. Contains also Arsenate of Lead, so you will not be confused in making this most important application.

Dry Mix prevents wormy peaches, also prevents fungus diseases, rot, etc. Continue to use Dry Mix up to two weeks before ripening. 1 lb. makes 6 gallons of spray material. 1 lb. 25c; 5 lbs. 80c; 12 1/2 lbs. \$1.50. Cannot be mailed. Larger quantities priced on Green Ink List.



Ever Green

Kills them all; safe to use on tender plants and blossoms, cannot burn, non-poisonous.

Ever Green, which is non-poisonous, will eliminate all dangers for you and at the same time control insects such as aphids, cutworms, squash bugs, potato bugs, caterpillars, beetles, etc., quickly, safely and economically. 1-oz. bottles 35c; by mail 45c; 6-oz. bottles \$1.00; by mail \$1.15; 16 oz. bottles \$2.00; by mail \$2.20.

Dutox

The non-arsenical insecticide. Kills Mexican Bean Beetle, Weevils and leaf eating insects. Can be used either in water as a spray or dust, mixing with lime. Dutox is not poison, therefore, can be used on all garden plants. 1 lb. 30c; 6 lbs. \$1.50. By mail, 1 lb. 40c; 6 lbs. \$1.75.

Ethylene Chlorhydrin

A new chemical applied to spring dug potatoes; make them sprout quickly, thus enabling you to use your own spring raised seed potatoes to grow the fall crop. One quart makes enough to treat eight bushels of seed potatoes. Directions come on packages ½ pt. 50c; pt. 95c; qt. \$1.75; gallon \$4.25. By mail ½ pt. 75c; pt. \$1.20; qt. \$2.10.

Fish Oil Soap with Potash



Prevents and cures aphids, lice and other troubles on plants and trees. Mixed with other spray materials makes them more effective. Acts as a spreader. Controls scale. 1 lb. 35c; 5 lbs. \$1.25; by parcel post, 1 lb. 45c; 5 lbs. \$1.45.

Fluosilicate Dusting Powder

Controls cutworms, ants, roaches, chicken lice, moths, cucumber and potato beetles, and flea beetles, controls worms on cantaloupes. It is a contact as well as a stomach poison. Use lightly to prevent burning. Sold in bulk only. 5 lbs. 80c; 10 lbs. \$1.30; 25 lbs. \$2.75. Not available.

Formalin

Used for treating oats, wheat, etc., to prevent smut; also to prevent potato scab. One pound will make 30 gallons of solution. By freight only. 1 lb. bottle 50c; not available.



A highly concentrated fungicide that conquers mildew, controls black spot on roses and is an effective plant stimulant as well. ½ pint 75c; by parcel post 85c; Pint \$1.25; by parcel post \$1.35. Quart \$2.00; by parcel post \$2.15. Gallon \$5.50; not available.

Grape Dust



Prevents and cures blight, also mildew, on all plants; very effective on roses; not poisonous. By freight, 1 lb. 35c; 5 lbs. \$1.00. By parcel post, 1 lb. 45c; 5 lbs. \$1.20.

Grafting Wax



Used for grafting scions on trees. ¼ lb. 20c; ½ lb. 35c; 1 lb. 50c; by parcel post, ¼ lb. 30c; ½ lb. 45c; 1 lb. 60.

Kayso



Prepared casein is a spreader and adhesive for use in connection with Lime Sulphur, Bordeaux and Arsenate of Lead. It makes the poison stick and resistant to washing effect of rains; also saves material. Two-pound package is sufficient for 50 gallons of spray. 2 lbs. 50c; 10 lbs. \$1.80. By parcel post, 2 lbs. 70c; 10-lb. bag \$2.25.

Lime—Hydrated

When using Arsenate of Lead, Dinitomic Sulphur, etc., always add Hydrated Lime. This prevents burning of the leaves. Directions for adding lime to any insecticides are always given on the packages. Price: 10-lb. bag 25c; 40-lb. bag 60c; Not available.

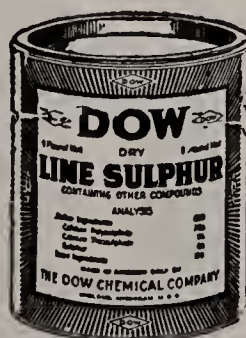


Lime Sulphur Solution

A concentrated liquid form easily mixed. Simply add 9 gallons of water to 1 gallon of the solution. Mixes easier than the dry; will not clog the nozzle. Qt. 35c; ½ gal. 50c; gal. 65c; 5 gal. \$2.25; 10 gal. \$4.00. Not available.

Lime Sulphur Dry or Powdered

For dormant spraying against San Jose scale, peach blight and peach-leaf curl; for summer spraying against such fungus diseases as apple scab, pear scab and against red spider. 1 lb. pkg. 30c; 5 lb. pkg. \$1.20; 12½ lb. pkg. \$1.50; By parcel post, 1 lb. 40c; 5 lbs. \$1.45; 12½ lbs. \$1.80.



Magnesium Arsenate

Controls the Mexican Bean Beetle effectively, and will not burn the foliage. It helps to increase the crop. Recommended by the U. S. Dept. of Agriculture. **MAGNESIUM ARSENATE DUST MIXTURE** for mixing with lime. 1 lb. cans, each, 30c; 4 lb. pkgs., each, 80c. **MAGNESIUM ARSENATE** for spraying 2 lbs. to 100 gallons water, 2 lb. pkgs., each, 60c. Not available.

Melrosine

Kills and prevents rose bugs, blister beetles, candle bugs; is effective and pleasant to use. It is one of the best non-poisonous insecticides. 6 oz. can 25c; by parcel post 35c.

Pine Tar

A very useful preparation and should be kept on the premises at all times. For bruises on trees, Pine Tar is very effective. 1 lb. can 25c; not available.

Oil Emulsion

For dormant spray to control scale, Oil Emulsion Spray has no equal; it creeps and covers every part of the tree; use it in February on a bright, warm day; avoid exposure to freezing.

Use 3 gallons to 100 gallons of water. Qt. 35c; ½ gal. 50c; 1 gal. can 65c; 5 gal. \$2.25; 10 gal. \$4.00; f.o.b. Memphis.

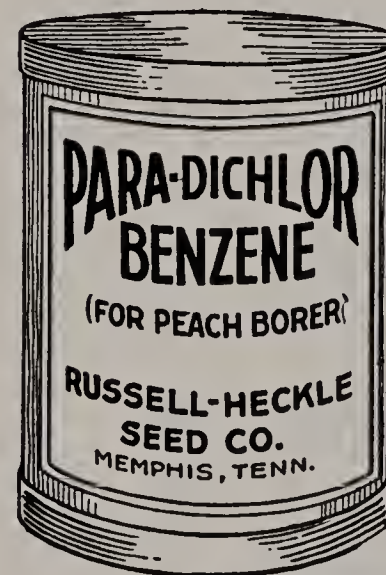


Paris Green

Known for its effectiveness. It must be used with care; 1 teaspoonful to 1 gallon of water will be safe. Add 2 tablespoonfuls of lime to prevent burning. ¼ lb. 20c; 1 lb. 50c; 5 lbs. \$1.90; 14 lbs. \$4.20. Not available.



Para-dichlorobenzene



Peach tree borer control. Discovered at last a sure cure for peach tree borer. Time of application, October 1st to November 30th. Para-dichlorobenzene must not be used on any trees under 4 years old.

Prices: 1 lb. box 45c; 5 lbs. \$1.75; 10 lbs. \$3. By parcel post, 1 lb. 55c; 5 lbs. \$2; 10 lbs. \$3.30.



For black spot on roses. Pomo-Green is the leaf green dust that protects your roses and other plants without making treatment conspicuous.

Pomo-Green is a specific control of many fungus diseases on Snap Dragon, Phlox, Sweet Peas, etc. 1 lb. can 50c; 5 lb. carton \$1.75; not available.

Pomo-Green with Nicotine

Controls lice in addition to chewing insects and black spot and other fungus diseases. 1 lb. can 75c; 5 lb. can \$3.00. Not available.



Pyrox

For leaf-eating insects and plant diseases, Pyrox is a combined insecticide and fungicide that kills bugs, prevents blights and rots, and improves the foliage. A pound makes 4 to 5 gallons; 10 pounds will spray an acre of potatoes or tomatoes. Not prepaid, 1 lb. 50c; 5 lb. pkg. \$1.75; 10 lb. pkg. \$3.00.

Pyrox with Nicotine

A combination of Pyrox and Sulphate of Nicotine. Kills both sucking and chewing insects, besides controls fungus diseases. 10 oz. bottle 50c; not mailable.



Red Arrow Spray

A new discovery, kills without burning; non-poisonous; effective against lice on turnip greens; leaf-hoppers and worms that bother cantaloupe and cucumber. 1 oz. bottle makes 6 gallons, 35c; mailed, 40c; 1/2 pt. pkg. \$1.75; by mail \$2.00.

Red Star Insecticide

Absolutely sure death to all bugs, insects, ants, roaches and mosquitoes. A clear liquid, this will not stain and is fully guaranteed. 1 qt. can 75c; 1/2 gal. can \$1.20; 1 gal. can \$1.85; not mailable.



Scalecide, Pratt's

Especially recommended for spraying trees in the dormant state. For San Jose Scale it is even more effective and spreads better than lime sulphur. For the dormant spray, use one part scalecide to 15 parts of water. Not prepaid, qt. 60c; gallon \$1.40; 5 gallons \$4.90; 10 gallons \$8.50; 15 gallons \$12.00; not mailable.

Champion Tree Killer



For trees, shrubs and vines. Trees die quicker, stumps rot quicker than old method of deadening. Will kill Johnson grass, sprouts, grubs, etc. guaranteed to do the job.

Gallon, \$1.25, f.o.b. Memphis.

Shep's Plant Spray



Kills and controls plant lice, thrips, leaf-hoppers, Harlequin bugs, red spiders, etc. If your muskmelon and cucumber crops are bothered with worms, use Shep's Plant Spray once a week. Kills lice on turnip greens, etc. 2-oz. bottle 30c; by mail 40c.

Directions for Using: Simply mix with water. (For proportions see directions on bottle). Stir or shake for a few seconds until it forms a milk-white emulsion. Then spray on the plant. If you do not have a plant sprayer, use a small brush, dipping it in the solution and shaking it over the plant so that the spray reaches all parts.



Semesan

For Vegetable and Flower Seeds.—Diseases carried on the seed often reduce germination and cause a poor stand, lowered quality, and unsatisfactory yields. Destroy these disease organisms without injuring the seed by treating your seeds, bulbs, roots, corms and tubers with Semesan. Easily and quickly applied as a dust or liquid. Effective in controlling damping-off of seedlings and cuttings. Use Semesan to control seed-borne diseases and improve your vegetables and flowers.

Prices: Semesan for all small seeds—2 ozs. 50c; 1 lb. \$2.75; 5 lbs. \$13.00.

Semesan Junior, for Corn: 4 ozs. 40c; 1 lb. \$1.50; 5 lbs. \$7.00.

Semesan Bel, for Potatoes and Bulbs: 4 ozs. 50c; 1 lb. \$1.75; 5 lbs. \$8.00. Not mailable.



(Hammond's)—A non-poisonous powder insecticide; it requires no mixing or preparation, easily applied and not injurious to person applying it, or fruits and vegetables. Destroys potato bugs, Mexican Bean beetles, green flies, slugs, worms, etc. Price, postpaid—1 lb. 35c; 5 lbs. 95c. Not prepaid, 1 lb. 25c; 5 lbs. 75c; 25 lbs. \$3.50; 125-lb. keg, \$16.50.

SULFOCID

(PRATT'S)—A sure preparation for the second spraying on peach trees. Prevents wormy fruit; does not burn and easy to use. Directions on each can. Pint 50c; qt. 85c; gal. \$2.25; 5 gal. can, \$7.50; not mailable.

Sulphur—Powdered

Will prevent and cure mildew; should be used on all roses in the spring; apply dry. Also used for making self-boiled Lime Sulphur as well as dusting various field crops, such as strawberries, and cotton, and for the control of red spider, rust mite, etc. By freight, lb. 10c; 5 lbs. 40c; 10 lbs. 75c; by parcel post, lb. 20c; 5 lbs. 60c; 10 lbs. \$1.10.

Sulphur—Acme

This is a superfine grade of sulphur especially prepared so it will not lump, therefore, making it a superior article for dusting roses for Black Spot and other fungus diseases. Packed in a most handy and convenient container. Price, 3 lb. can 45c; by mail, 60c.

Sulpho Tobacco Soap

Kills all the insects on plants; simple and effective. By freight, 3-oz. cake, 10c; 8 oz. 20c; parcel post, 3-oz. cake, 15c; 8 oz. 30c.



Thrip Juice For bad infestation of aphids, lice, red spider, scale, caterpillar and mealy bug use Thrip Juice. It saves plants. Pt. can 50c.

Tobacco Dust

Especially desirable for use against lice and sucking insects. By freight, lb. 10c; 10 lbs. 60c. By parcel post, lb. 20c; 10 lbs. 90c.



Tree Tanglefoot

Use as a band on all kinds of trees; will prevent any kind of crawling insects on them. 1 lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.00. By parcel post, 1 lb. 70c; 5 lbs. \$2.90.

Volck



Garden Volck with Nicotine, 3 oz. tin 35c. By mail, 45c.

A powerful insecticide used as a spray to overcome Mildew, red spider, aphids, white flies, mealy bugs, etc. Volck is easy and pleasant to handle; does not burn and has no odor. Ask for circulars. 1/2 pt. 35c; pt. 60c; qt. \$1.00; gal. \$3.00. By parcel post, 1/2 pt. 45c; pt. 75c; qt. \$1.20.

Velvet Bug Dust

This is a combination dust that kills insects which chew, and also prevents most diseases on plants. It will not burn the foliage. 10 lb. bag \$1.00; not mailable.

RUSSELL-HECKLE'S SPRAY PUMPS

We handle several of the best lines of Orchard, Bucket and Compressed Spray Pumps. Every pump guaranteed to give satisfaction. We will make special prices on large jobs such as Power Sprayers, etc. Ask us for catalog.

Portable Sprayers



Myers No. R336B—Portable Sprayers—Capacity, 12½ gallons; tank made of heavy galvanized iron, equipped with portable wheelbarrow frame; has agitator, with 15 feet hose connection. Vermorel nozzle and 8-ft. pipe extension. Complete, \$18.50.

Myers No. R339B Portable Sprayer

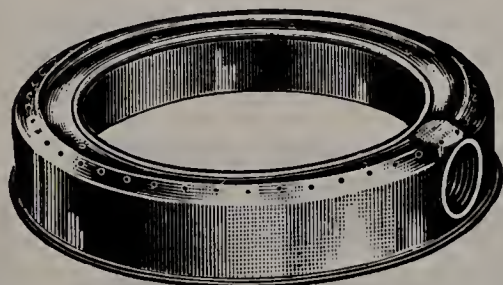
This is the same as No. R336B Sprayer, excepting it is equipped with a reservoir air pressure tank with guage, thereby giving you a continuous spray after the air has been pumped into the reservoir. This is a complete job, one that will do a good job of spraying easily and effectively. One man can operate this sprayer. Adapts itself to good size orchards. Price: No. R339B Complete with 12 gallon galvanized tank, pressure tank, guage, hose, extension rod and nozzle, each, \$26.00.

Knapsack Sprayers



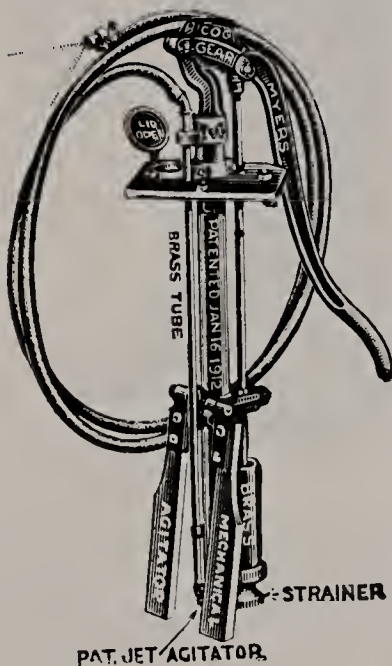
Myers No. R 330 Perfect Galvanized Knapsack Spray Pump—Fitted with 5 feet of 3-8-in. hose, stop cock, pipe extension and nozzle, \$7.75.
Myers No. R 331 Perfect Copper Knapsack Spray Pump—Complete with hose, stop cock, pipe extension, and nozzle, \$13.25.

Brass Ring Lawn Sprinkler



No. 65—Solid brass base 60c; No. 3886, Galv. Base, each, 50c; by mail, add 10c; each.
No. 65—A Brass Baby Ring Lawn Sprinklers, each, 35c; by mail 45c.
No. 129—2 3-4-inch Brass Face Hot House Sprinkling Nozzle, each, 50c.
No. 3604—4-inch Brass Face Hot House Sprinkling Nozzle, each, 60c.

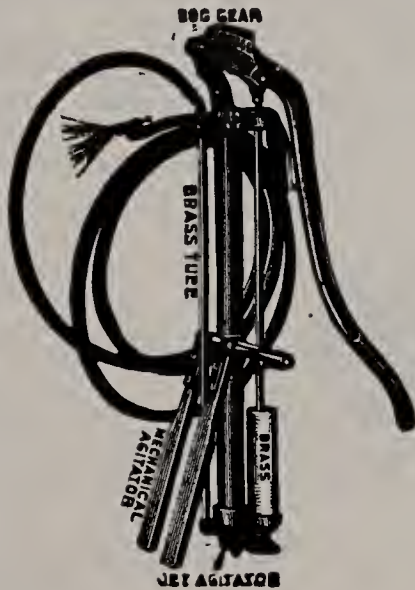
Barrel or Orchard Spray



MYERS NO. R 305 B—Designed to meet the requirements where a good pump at a moderate price is required. Attaches to the side of an open barrel. Equipped with Cog Gear Handle, jet and mechanical agitators, complete with 15 feet of ½ inch 5 ply discharge hose and Myers Graduating Vermorel Nozzle. Price complete, less barrel, \$10.80.

Pumps

Myers No. R318B Attaches to top of closed barrel. Has bronze ball valves and brass seats. Plunger is self-expanding and the cylinder and pipes are all brass. Price, with one lead of 15 feet of ½-inch, 5-ply discharge hose, graduating Vermorel nozzle and mechanical agitator, \$11.90.



NO. 243—Zenith Arm Lawn Sprinkler, each, 95c.

NO. 66—Revolving Lawn Sprinkler, each, 75c.

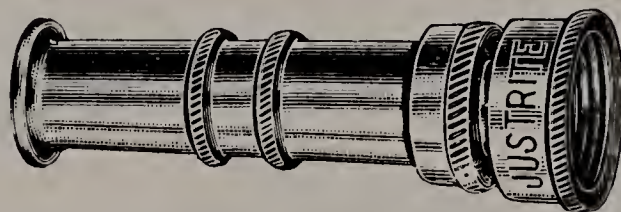
Garden Hose

25 foot section, 5-8 inch Garden Hose for—\$1.25.

50 foot section, 5-8 inch Garden Hose for—\$2.35.

50 foot section, Multispray Garden Hose for—\$4.50.

Garden Hose Nozzles



Just Rite Standard 3-4 inch Hose Nozzle, each—50c.

Hose Menders, 5-8 inch, and 3-4 inch, each—10.

Hose Couplings, 5-8 inch, and 3-4 inch per set, each—25c.

Bucket Spray Pumps



Myers R324



Myers R325

Myers Bucket Sprayers—These spray pumps are constructed entirely of brass. They are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up. **Myers No. 325 Bucket Pump**—Makes fine or coarse spray; all brass; provided with a good air chamber, \$2.90; by parcel post, \$3.20.

Myers No. R 324 Spray Pump—A combination bucket and barrel spray pump; can be used either way; it has cog gear handle with large cylinder. Price, with nozzle, \$4.25; by parcel post, \$4.65.

Extension Rods

2 ft. Straight Brass Rods, each, 60c; mailed—70c.

4 ft. Straight Brass Rods, each, \$1.00; mailed, \$1.15.

4 ft. Straight Iron Rods, each 60c; mailed—80c.

8 ft. Straight Brass Bamboo, with shut off cock, each, \$3.60.

No. 145 Angle Spray Rod—Made entirely of brass, 5½ feet long, weighs only 4¼ pounds. Spray is broken up at long distance and reaches under side of branches. Has automatic shut off. Throws spray 30 feet from the nozzle. Ask for circulars. Price, each, \$9.90, f.o.b. Memphis.

Spray Repairs

Leather Washers, Barrel Pumps.....25c
Leather Washers, Bucket Pumps.....20c
Leather Washers, Hand Sprayers.....10c
Leather Washers for Comp. Air.....10c

Sprayers10c
Rubber Gaskets for Comp. Air10c

Check Valves for Comp. Air Sprayers 10c
Whirl Discs, Brass Screens and Steel10c

Spray Caps for Spray Nozzles.....10c
Hose Clamps, 3-8 and ½ inch.....5c

Other repairs quoted on request.
Be sure to give name or manufacturer of pump when you order repairs.

No. 600 Bellows Duster



Provides a uniform discharge by agitation of the bellows. Strong and convenient. Each, \$1.40; by mail, each, \$1.65.

Free with Orders

1933 CALENDAR AND ALMANAC
When requested, we will mail you a copy of our 1933 Almanac Calendar.
Don't fail to ask for a copy when sending your order.

HUDSON SPRAYERS



The Hudson Economy is a high quality, well made compressed air sprayer at a very moderate price. Tank holds four gallons. Handle and top are malleable. Pump is seamless brass tube. Discharge equipment includes hose, brass extension, automatic shut-off and brass nozzle.

No. 125 Economy, wt. 11 lbs. Each \$3.75
Mailed, \$4.20



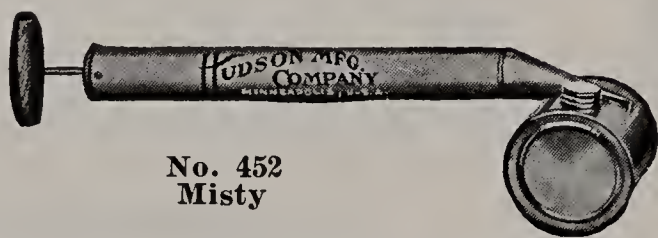
The Hudson Perfection holds four gallons. It is a high pressure machine for all types of spraying jobs. Made in brass or galvanized tank. Has many special features. Brass pump screws into malleable top, permitting entire assembly to be removed at one operation. Long hose and brass extension rod. Automatic shut-off and brass nozzle.

No. 110G Perfection, weight 12 lbs. Each \$5.75
No. 110B Perfection, (Brass), weight 12 lbs. Each \$8.50
Mailing, 45c each extra



The Hudson Junior is a high grade compressed air sprayer of 2½ gallon capacity. Made in brass or galvanized tank. All seams are riveted and heavily soldered. Top and cap are malleable. Equipped with high grade pressure hose, brass extension, automatic shut-off and brass nozzle.

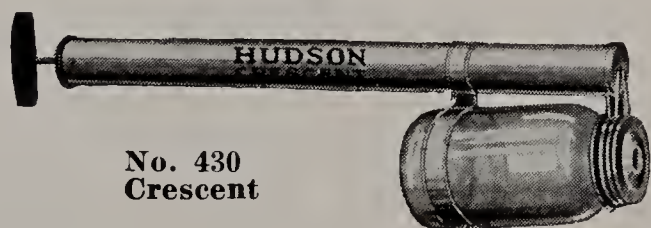
No. 140 G Junior (Galv.), weight 9 lbs. Each \$3.75
No. 140B Junior (Brass), weight 9 lbs. Each \$6.25
Mailing, 35c each extra



No. 452
Misty

The Misty is a very popular sprayer for home owners, back yard gardeners, etc. Holds 1 quart. Made of heavy tin. Handles all spray liquids.

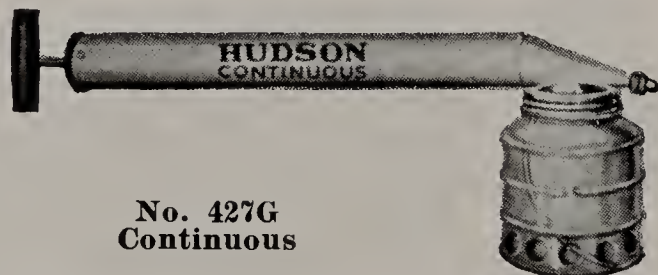
No. 452 Misty, weight 2 lbs. Each 35c
Mailed, 60c



No. 430
Crescent

Here is a sprayer for doing larger jobs. Has standard Mason jar container. Produces a wide, fan-shaped spray for large coverage. Container easily removed for refilling or cleaning.

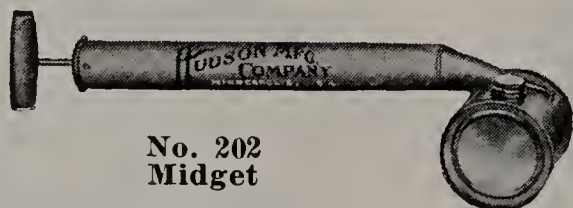
No. 430 Crescent, weight 2½ lbs. Each 50c
Mailed, 75c



No. 427G
Continuous

A new type of continuous sprayer. Tank holds about 1 quart. Very easy to operate. Continuous in action, with no breaks between strokes. Glass jar container, quickly removable.

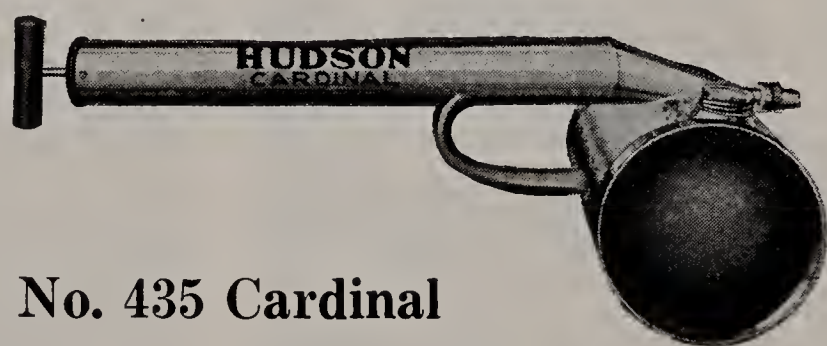
No. 427G Continuous, weight 2 lbs. Each \$1.00
Mailed, \$1.25



No. 202
Midget

The Midget is a very efficient sprayer for use around the home and small garden. Holds ¾ pint. Handles all insecticides and fungicides.

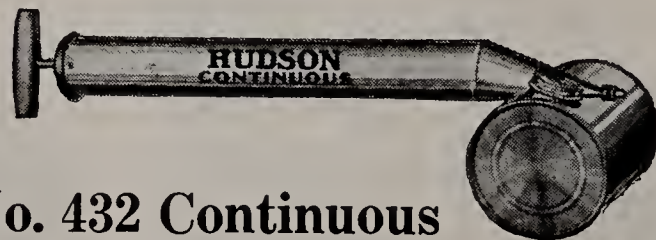
No. 202 Midget, weight 1 lb. Each 25c
Mailed, 45c



No. 435 Cardinal

The Cardinal is particularly effective for handling fly oils, preparations to eradicate lice, mite, and diseases in the poultry house. Produces 4 small penetrating sprays. Adjustable nozzle adapts this sprayer for all classes of work. Pump is 1½ inches in diameter, 12 inches long. Tank is of heavy galvanized steel, 3 quarts capacity.

Each \$1.50; mailed, \$1.80



No. 432 Continuous

A new type Continuous Sprayer with adjustable nozzle. Simplified construction. All nozzle parts of brass. Container holds approximately 1 quart. Pump is 1½ inches in diameter, 14 inches long.

Each 75c; mailed, \$1.00



The Cadet. Handles all dry powdered insecticides. Length over all is 13 inches. Powder reservoir is 5 inches long.

No. 663 Cadet Duster 40c; mailed, 55c



The Major Duster is for larger work such as in truck gardens, poultry houses, etc. Over all length is 14 inches. Powder chamber is 5 inches long. Diameter is 3¼ inches. Equipped with extra extensions and nozzles.

No. 665 Major Duster, weight 1½ lbs. \$1.00
Mailed, \$1.25

Hudson Barrel Pump

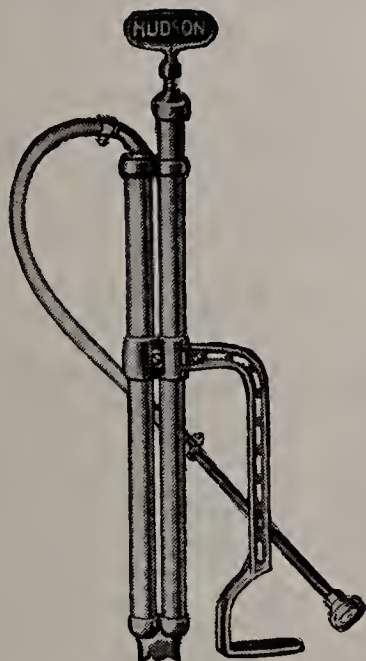
No. 4
SA



The Hudson Barrel Pump develops 250 lbs. working pressure. Large cylinder and air chamber. Special non-clogging strainer is cleaned by agitator with each stroke of pump. Valve assembly is quickly removable without dismantling the pump. Equipped with 6 feet of hose, 4 ft. iron extension and Ideal Angle Nozzle.

No. 4SA Barrel Pump, wt. 35 lbs. \$11.50

No. 128
Mohawk



The Mohawk is used extensively for small crops, whitewashing, disinfecting, etc. All working parts are brass. Foot rest is adjustable for various heights. Equipped with 3 feet of hose, 12 inch iron extension and brass nozzle with variable discs.

No. 128 Mohawk, weight 7 lbs. \$3.25
Mailed, \$3.65

Spray Hose



Our spray hose is made especially for spraying purposes.

3/8 inch spray hose, foot 15c; postpaid 20c; 15 feet for \$1.50; by mail \$1.75.

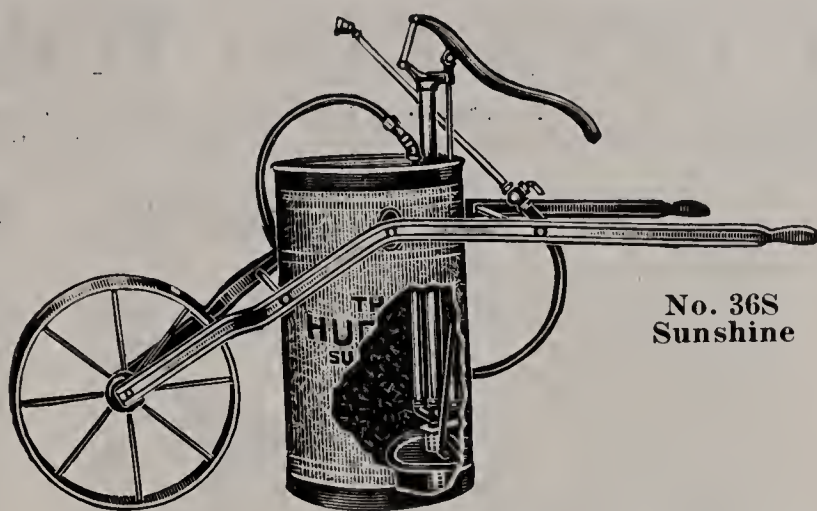
1/2 inch spray hose, foot 20c; postpaid 30c; 15 feet for \$1.80; by mail \$2.00.



HOSE CON-
NECTIONS AND
HOSE CLAMPS



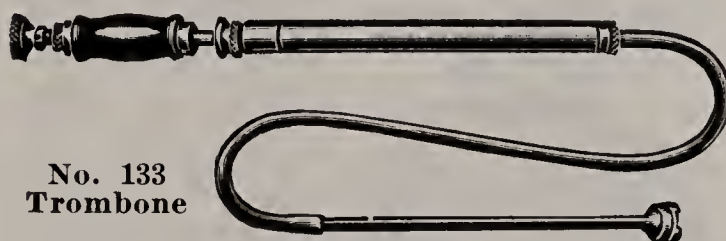
Female End Hose Connection for 3/8 or 1/2 in. hose, ea. 25c
Male End Hose Connection for 3/8 or 1/2 in. hose, ea. 25c
Hose Clamps, 3/8 or 1/2 inch. Each, 5c



No. 36S
Sunshine

A 12 gallon portable machine for truck gardeners, orchardists, poultrymen, etc. Compact construction adapts it for use between narrow rows, close quarters, etc. Pump develops 125 pounds working pressure, equipped with non-clogging strainer which is cleaned by agitator at each stroke of the pump. Frame of channel iron. Large wheel with wide tire. Equipped with 5 feet of hose, two ft. iron extension, angle spray nozzle.

No. 36S Sunshine (without pressure tank), wt. 46 lbs. \$12.00
No. 37S Sunshine (with pressure tank and gauge), wt. 60 lbs. \$21.00

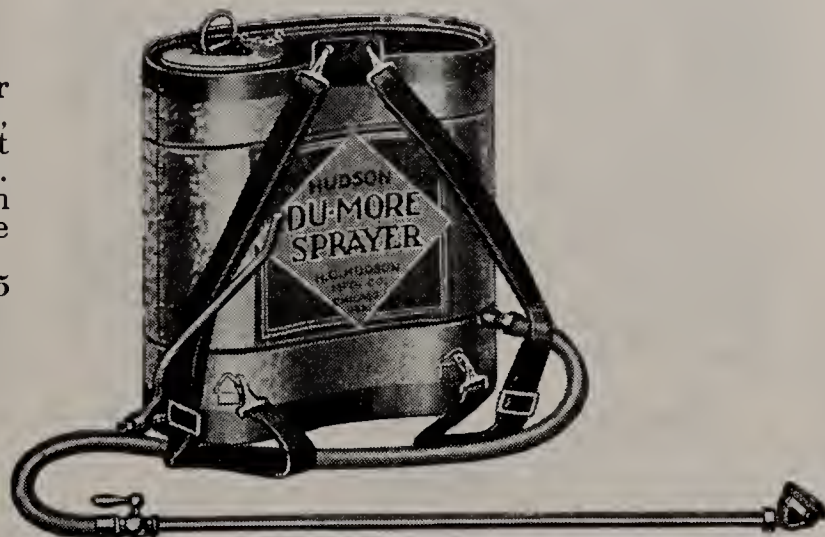


No. 133
Trombone

The Hudson Trombone is a high pressure spray pump for all solutions. It is double acting and continuous, maintaining high pressure and steady discharge with ease. All parts are brass with bronze valves, easily accessible for cleaning. Fitted with three feet of 3/8 inch hose, intake pipe and strainer. Nozzle has interchangeable discs for various types of material.

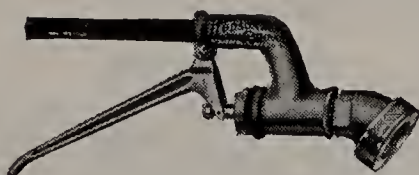
No. 133 Trombone, wt. 3 1/2 lbs. \$4.00
Mailed, \$4.45

No. 147 Du-More



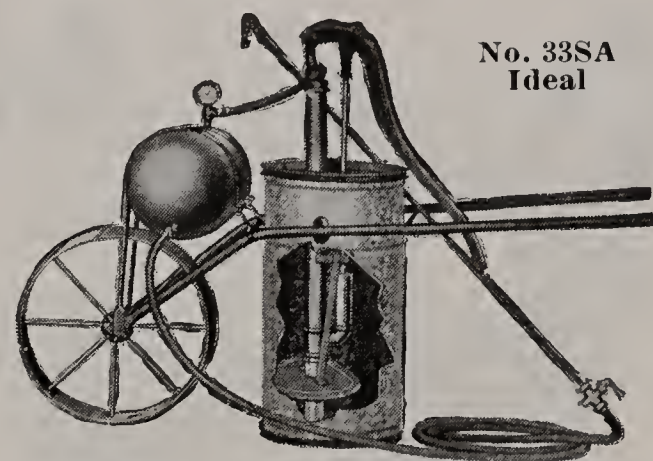
The Hudson Du-More is a continuous high pressure sprayer adapted for all truck and field crops, vineyards, bushes, fruit trees, ornamental shrubs, etc. Will handle all agricultural insecticides. Tank holds 4 gallons. Made of heavy galvanized steel, sturdily built. Equipped with wide shoulder straps, adjustable in length. Operates with remarkable ease because of long handle placed at right of user. Equipped with 3 feet of spray hose, 2-foot iron extension rod, shut-off and brass Fog Nozzle. Packed one in a carton. Shipping wt. 19 lbs.

Each \$10.50



Hudson No. 176 Perfection Nozzle, Each \$1.50

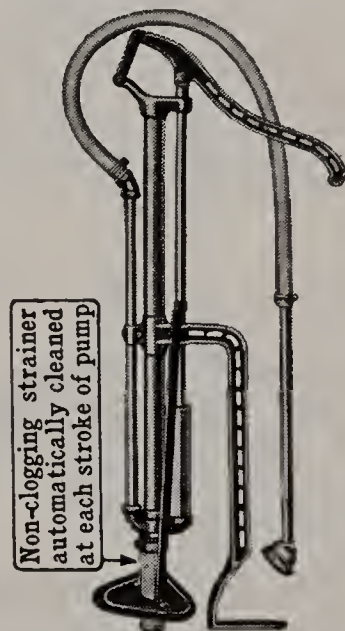
Hudson No. P9X Perfection Nozzle, hose and extension. Each \$2.00



No. 33SA
Ideal

A high pressure, portable sprayer for the gardener, poultry raiser, orchardist, etc. Holds 15 gallons. Powered with the Hudson 4SA Barrel Pump. Tank is heavy galvanized steel, reinforced at top and bottom with heavy channel hoops. Tubular steel frame and 18-inch wheel. Equipped with 6 feet of hose, 4-foot iron extension, leakless shut-off and Ideal angle nozzle. Pressure tank equipped with gauge and all necessary fittings.

No. 33SA Ideal (with pressure tank), wt. 100 lbs. \$29.50
No. 32SA Ideal (without pressure tank), wt. 81 lbs. \$18.00



No. 126SA
Moro

Designed for use with whitewash, cold-water and cement paints and sediment bearing solutions. Equipped with non-clogging brass strainer, cleaned by mechanical agitator at each stroke of pump. Has adjustable foot rest. Valve assembly quickly removable without dismantling pump. Equipped with 3 feet of hose, 12-inch extension rod and Fog Nozzle fitted with discs.

No. 126SA Moro (with agitator), wt. 10 1/2 lbs. \$5.25; mailed \$5.75



No. 168



No. 166

Hudson No. 168 Spray Nozzles. Each 75c
Hudson No. 166 Spray Nozzles. Each 75c



Vermorel No. 1563 Spray Nozzle, each 75c



No. 149



No. 71

Hudson No. 71 Bordeaux Nozzle, Each \$1.00

Hudson No. 149 Brass Shutoff Cock, Each \$1.00

R.-H. CO.'S DOG FOODS

We are headquarters for the best Dog Foods and sell at factory prices as we are carlot buyers. Our stocks are always fresh and dependable, all manufactured on a scientific, balanced ration basis. It pays to use our prepared Dog Foods as your dogs will keep in better condition and health.

Dickinson's Dog Food



A meaty ration in dry form; a complete food needed for growth and health. It contains fourteen ingredients blended into a wholesome, highly digestible ration. It is economical and convenient in feeding, there being no danger of spoiled or weevily food as it keeps indefinitely. No washing of bowls, no can opener required. The cubes are always right for feeding. Dogs like it. One pound of Dickinson's Dog Food will go as far as three pounds of wet or canned foods. Compare the costs. 1 lb. 10c; 10 lbs. 80c. By mail, 1 lb. 20c; 10 lbs. \$1.00.

Champion Dog Foods



Champion Dog Food is a complete and balanced diet for all ages and breeds of dogs. It contains a large content of fresh meat, white flour, whole wheat, corn meal and oat meal, also pure cod liver oil to furnish vitamins and prevent rickets, and various mineral salts to strengthen the bones.

Champion Dog Biscuit

Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. \$1.00; by parcel post, \$1.20; 25-lb. bags, \$2.50; by parcel post within second zone, \$2.95.

Champion Kibbled Dog Biscuit

(The broken small pieces)—Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. \$1.00; by parcel post, \$1.20; 25 lbs. \$2.50; by parcel post within second zone, \$2.95.

Champion Puppy Biscuit

Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. \$1.00; by parcel post, \$1.20; 25-lb. bags, \$2.50; by parcel post within second zone, \$2.95.

Champion Puppy Meal

Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. \$1.00; by parcel post, \$1.20; 25 lbs. \$2.50; by parcel post within second zone, \$2.95.

Miller's A-1 Dog Ration

Miller's A-1 Dog Ration is one of the best balanced dog feeds in the United States. It is fed to hunting dogs, police dogs, fox terriers, bull dogs and all other kinds — they all thrive on it. It is cooked and ready to use when received by dogs of all ages and breeds. Bulk, 1 lb. 10c; by parcel post, 18c; 6 lbs. 45c; by parcel post, 60c; 10 lbs. 60c; by parcel post, 85c; 25 lbs. \$1.25; by parcel post within second zone, \$1.70.



Miller's A-1 Dog Biscuit

Miller's A-1 Dog Biscuits contain the necessary vital body and bone building elements in their proper proportions to sustain good health in your dogs. Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. \$1.00; by parcel post, \$1.20; 25 lbs. \$2.50; by parcel post within second zone, \$2.95.

Miller's A-1 Kibbled Biscuit

Miller's A-1 Kibbled Dog Biscuit is the same as whole only in broken form which makes it convenient for mixing with vegetables, meat, fish, soups, broths, etc. Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. \$1.00; by parcel post, \$1.20; 25 lbs. \$2.25; by parcel post within second zone, \$2.70.

Miller's A-1 Puppy Meal

Miller's A-1 Puppy Meal is especially adapted for the tender digestive organs of puppies. Bulk 1 lb. 15c; by parcel post, 22c; 8 lbs. \$1.00; by parcel post, \$1.20; 25 lbs. \$2.25; by parcel post, within second zone, \$2.70.

Bennett's Milk Bone Dog Biscuit

A superior biscuit. Keeps dogs in good condition; is a complete, easily digested perfectly balanced food, suitable for all breeds. Per box 35c; by parcel post, 45c.

Bennett's Milk Bone Puppy Biscuit

Especially prepared for puppies. They thrive and grow fat on Milk Bone Biscuits. Per box, 35c; by parcel post, 45c.

B. K.

Keep the kennels and premises free of fleas, lice, disease, etc., with B. K. 10-oz. bottle, 50c; 1 qt. 90c; 1 gallon, \$2.00. By mail, 10-oz. bottle, 60c.

Dogvita

This new preparation for dogs contains all the vitamins. It is highly concentrated and a balanced conditioner. Prevents diseases by keeping the dog in good health. Ordinary foods supply proteins, fats, carbohydrates and minerals. Dogvita supplies the needed vitamins. 5 oz. can 75c; by mail, 85c.

Riteway Condition Powder

A tonic and conditioner for dogs, puppies and cats. Contains Calcium, cod liver oil and other minerals essential to proper digestion and general health. Should be fed before and after whelping. Produces rich milk and prevents rickets. 4-oz. pkg. 25c; postpaid, 35c; 5-lb. pkg. \$1.80; postpaid, \$2.00.



Calcum

Makes Puppies Grow Strong and Healthy —A mineral compound fed to the matron before and after whelping, supplying the essential element in milk which nature requires for the health of the mother and the rapid, vigorous growth of her offspring.

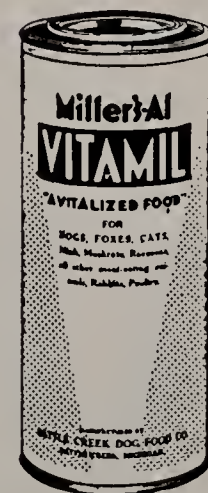
Calcum takes the place of green-bone food and prevents acid milk and rickets or softening of the bones. Calcum is not a complete food in itself, but a small amount being used in conjunction with the regular food. 1 lb. \$1.00. By parcel post, \$1.10.

Vitamil

A condition of yeast, cod liver oil, calcium phosphate, etc. Vitamil aids digestion, prevents rickets, helps to eradicate worms, and is a great help in correcting and preventing running and barking fits, mange, and other ailments. Especially good for growing puppies; stimulates the appetite, builds bone and muscle.

To insure good healthy litters, give Vitamil daily to both the male and female for several weeks before mating.

Postpaid, 4 oz. can 55c; 1 lb. \$1.35. Not prepaid, 4 oz. 50c; 1 lb. \$1.25.



Brown's Supercedar Kennel Bedding



Here is an article that you will appreciate; a cedar bedding for all dogs, containing all the oil and original odor of the red cedar wood, which is far superior to the white cedar. Brown's Supercedar keeps down fleas, is sanitary; keeps down that doggy smell. Whether used in regular kennels or small dog houses you will need it. Your dogs will keep in better health on account of having the cedar in the kennels, since it keeps down the flies as well as fleas.

5-lb. bag 35c; 50 lb. bag \$2.00; by mail, 5 lb. bag, 55c.

Dicapho

One of the best minerals for mixing in the dog feed. Dicapho is rich in lime and phosphates. Builds up the bones, prevents rickets, aids digestion. One teaspoonful mixed with the dog food daily is sufficient. 1 lb. bulk, 25c; 5 lbs. 75c; by mail, 1 lb. 35c; 5 lbs. 90c.



Miller's A-1 Quick Lunch

A clean meat product 60% beef designed to meet the needs of a quick lunch for dogs and puppies; rich in protein and organic matter. Can be used as a complete food, or with Miller's A-1 Ration. 1-lb. can 15c; 12 cans \$1.50; case 48 1-lb. cans \$4.80. By parcel post, 1 lb. can 23c; 12 cans \$1.90.

Vigo

is a highly nutritious food for dogs. It is a combination of meat, barley and other grains, all essential for the proper development of bone, muscle and energy. Contains charcoal, the wonderful mineral for all animals. 1 lb. can 10c; 12 cans \$1.00; case 48 cans \$3.15. By mail 1 lb. can 20c; 12 cans \$1.40.

Ken-L-Ration

The Dog Food Supreme. These Foods Are Literally Full of Vitamins.—Composed of clean, wholesome meat, the best grade of cereals and Norwegian cod liver oil. A perfect balanced ration. 1-lb. can 15c; 12 cans \$1.50; case 48 1-lb. cans \$5.75; by parcel post, 1-lb. can 25c; 12 cans \$1.90.

Pup-E-Ration

Is the perfect puppy food. Very rich in protein, calcium phosphate, cod liver oil and marrow fat. 1-lb. can 20c; 12 cans \$1.80; case 48 cans \$6.40; by parcel post, 1-lb. can 28c; 12 cans \$2.20.

Hemo-Ration

Is a meat, blood, cereal and cod liver oil product. Ideal food for breeding stock, aenemics and convalescents. 1-lb. can 20c; 12 cans \$1.75; case 48 cans \$6.00. By parcel post, 1-lb. can 28c; 12 cans \$2.15.

Kit-E-Ration

The cat food supreme. A balanced ration, ready to serve 1-lb. can 20c; 3 cans 50c; case 48 1-lb. cans \$6.15. By parcel post, 1-lb. can 28c; 3 cans 65c.

Kit-Kat

Keeps cats from having worms, constipation, sore eyes, humors and all diseases peculiar to cats, 35c; a box, postpaid.

Bee Brand Insect Powder

Non poisonous. One of the most effective for fleas on dogs. 25c, 50c and \$1.00 cans. By mail, 35c; 60c; \$1.10.

Bee Brand Shampoo

This is Bee Brand Insect Powder in liquid form. Acts as a shampoo and kills all insects at the same time. Bottle 30c; by mail 40c.

Delcreo Dog Remedies



The Delcreo Dog Remedies are in accordance with the latest and most successful developments of medical progress. They are accepted and endorsed by the leaders of the kennel world.

Delcreo — For Distemper and Black Tongue. 4-oz. bottle \$1.50; by parcel post \$1.60; 16-oz. bottle \$5.00; by parcel post \$5.25.

Cod Liver Oil—4 ozs. 30c; postpaid 40c; qt. \$1.00; postpaid \$1.15.

Delcreo Tonic—2 oz. bottle .75

Delcreo Laxative—4 oz. 35c; postpaid .45

Delcreo Sulfminol—4 oz. 50c; postpaid .60

Delcreo Worm Capsules—For puppies, small dogs and large dogs. Box .60

Ask for Delcreo Kennel Manual.

"Tet" (Tetrachlorethylene) For Worms

Tetrachlorethylene is endorsed by the U. S. Department of Agriculture as the safest known effective wormer for Dogs and Puppies. Prevents and cures Running, Barking Fits and Sore Mouth.

Price, per box (all large capsules for large size dogs), \$1.00.

Price, per box (all small capsules for small size dogs), \$1.00.

Price, per box (all medium capsules, \$1.00.

Price, per box (assorted capsules, for all size dogs), \$1.00.

Glover's Dog Remedies



	Each	Post-paid
Glover's Antiseptic Mouth Wash	65c	75c
Glover's Blood Purifier	65c	75c
Glover's Canker Wash (for ears)	65c	75c
Glover's Comp. Sulphur Tablets	65c	70c
Glover's Condition Pills	65c	70c
Glover's Diarrhea Medicine	65c	75c
Glover's Digestive Pills	65c	70c
Glover's Expectorant Mixture	65c	75c
Glover's Eye Lot. & Eye Wash Pw.	65c	75c
Glover's Flea and Insect Powder	50c	60c
Glover's Iron Tonic	65c	75c
Glover's Kennel and Flea Soap	25c	30c
Glover's Laxative Pills	65c	75c
Glover's Liniment	65c	75c
Glover's Mange Medicine	75c	85c
Glover's Medicated Soap	30c	35c
Glover's Nerve Sedative (for fits)	65c	75c
Glover's Round Worm Capsules	65c	70c
Glover's Round Worm Vermifuge	65c	70c
Glover's Sore Foot Medicine	65c	75c
Glover's Tape Worm Capsules	65c	70c
Glover's Tetrachlorethylene Caps.	65c	70c

Write for Glover's book on Dog Diseases.

Kur-Mange

Fine for the dogs coat. Cures skin diseases. 3 oz. can 75c; by mail 85c.

Pulvex

Kills fleas, safe and effective. 2 oz. can 50c; by mail 60c.

Pulvex Soap

A sure and safe dog soap. Gives gloss to the coat. Box 50c; by mail 60c.

Sopex

Destroys lice and fleas and cleanses the animal. 4 oz. can 75c; by mail 85c.

Areco

Guaranteed to remove tapeworm, including the heads, where they are known to be present. Simple and easy to administer. 75c, postpaid.

Bradley's Submarine Worm Expeller

Gets the last worm. There can be no failure if directions are followed. Per box \$1.00; by parcel post \$1.10.

Spratt's Chalk Block

Excellent for cleaning and whitening the coat. Block 35c; by mail, 45c.

Sovrem

Sovrem—Black Tongue remedy \$1.00

Q. W. Dog Remedies



These well-known dog medicines are preferred by many kennel owners because they give results:

	Each	Post-paid
Q. W. Breeding Tablets	\$2.00	\$2.05
Q. W. Condition Powder	1.00	1.05
Q. W. Constipation Pills	1.00	1.05
Q. W. Cough Mixture	1.00	1.05
Q. W. Diarrhoea Remedy	1.25	1.30
Q. W. Diserol, for Distemper	2.00	2.10
Q. W. Dog Soap	.35	.40
Q. W. Ear Canker Lotion	1.25	1.30
Q. W. Eye Salve	1.00	1.05
Q. W. Fit Tablets	1.25	1.30
Q. W. Flea Oil, Coat Grower	1.00	1.05
Q. W. Flea Powder	1.00	1.05
Q. W. Healing Salve	1.00	1.05
Q. W. Liniment	1.25	1.30
Q. W. Sulphur Compound	1.00	1.05
Q. W. Mange Lotion	1.00	1.05
Q. W. Cod Liver Oil Comp.	1.25	1.30
Q. W. Rheumatism Tablets	1.00	1.05
Q. W. Tapeworm Mixture	1.00	1.05
Q. W. Tonic & Blood Builder	1.00	1.05
Q. W. Verminol	1.25	1.30
Q. W. Worm Capsules	.65	.70
Q. W. Worm Mixture	1.00	1.05
Q. W. Insect Powder	.50	.55

Sergeant's Dog Medicines

	Each	Post-paid
Sergeant's Arsenic and Iron Pills	60c	65c
Sergeant's Canker Wash	60c	65c
Sergeant's Carbolic Tar Soap	25c	30c
Sergeant's Condition Pills	60c	65c
Sergeant's Disinfectant, 4 oz.	25c	35c
Sergeant's Disinfectant, 1 qt.	75c	95c
Sergeant's Diuretic Pills—		
Rheumatism	60c	65c
Sergeant's Expectorant Medicine		
—Coughs	50c	65c
Sergeant's Eye Wash	60c	65c
Sergeant's Intestinal Astringent—		
Diarrhea	60c	65c
Sergeant's Laxative Capsules	60c	65c
Sergeant's Liniment	60c	65c
Sergeant's Mange Medicine	65c	75c
Sergeant's Mouth Wash	60c	65c
Sergeant's Nerve Sedative—		
Running Fits	1.00	1.10
Sergeant's Pepsin Tablets	60c	65c
Sergeant's Puppy Worm Capsules	60c	65c
Sergeant's Shampoo Soap	25c	30c
Sergeant's Skip Flea Powder	25c	35c
Sergeant's Skip Flea Soap	25c	30c
Sergeant's Special Medicine—		
Distemper	1.20	1.30
Sergeant's Sure Shot Worm		
Capsules	60c	65c
Sergeant's Sure Shot Worm		
Liquid	60c	65c
Sergeant's Tape Worm Medicine	60c	65c

Benbow's Dog Mixture

	Each	Post-paid
40 capsules, 1/4 teaspoonful	\$.40	\$.50
24 capsules, 1/2 teaspoonful	.50	.65
15 capsules, 1 teaspoonful	.50	.65
4-ounce bottle	2.00	2.15
26-ounce bottle	3.00	3.25

Clayton's Dog Remedies

Canker Lotion, Creolin Wash, Eye Lotion, Diarrhoea Liquid, Laxative, Tapeworm Expeller, Digestive Tablets, Puppy Tonic, Sulphur Tablets, Hair Tonic, Cough Remedy, Rheumatic Tablets. Price any above, package, 25c; by mail 35c.

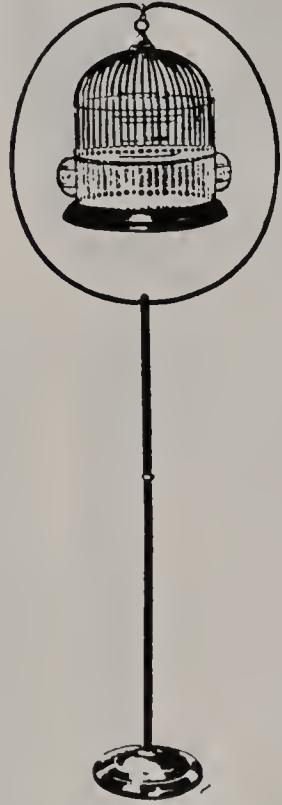
Interno Mange Remedy

Interno is an internal remedy for mange and other skin diseases.

Puppy Mange Remedy—Box \$1, postpaid.

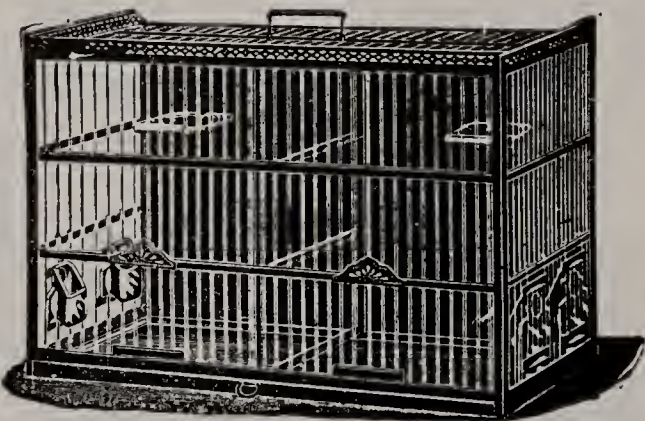
R.-H. CO.'S BIRD SEED AND SUPPLIES

Fancy Colored Bird Cages and Stands



These new design cages are well made, strong and roomy; a real home for your canary that is very showy, yet low in price. All cages have draw bottom, making them easy to clean and have a convenient bird bath in the bottom of the cage proper. This new feature is very desirable. All have seed guards, which is very important. We have both cage and stand to match in three color combinations, Red and Black, Green and Green, Black and Gold. Similar in design to illustration. Price No. 64 Cage and Stand to match, \$3.50. Price any Bird Cage only \$2.00. Price any Bird Cage Stand only \$1.75. Mailing 35c extra.

Metal Breeding Cages



Complete with solid and wire partitions, metal drawer and solid back, 4 glass cups, 6 perches and 2 nests.

No. 86S—17½ x 8¾ x 14, each \$3.50; by parcel post, \$3.90.

No. 86—19½ x 10½ x 14¾, each \$4.00; by parcel post, \$4.45.

No. 87—22 x 11 x 16¼, each \$5.00; by parcel post, \$5.50.

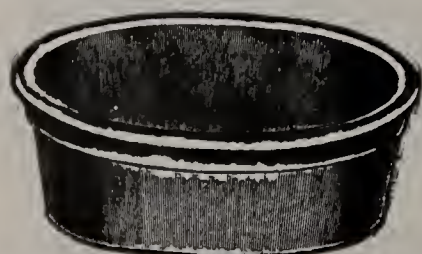


Bird Cage Cups



	Each	By mail
Opal Closed Feed Cups.....	\$.15	\$.20
Flint Glass Closed Feed Cups.....	.10	.15
Opal Open Water Cups.....	.10	.15
Glass Breeding Cage Cups.....	.20	.30
Metal Parrot Cage Cups.....	.25	.35
Duco Colored Bird Cage Cups.....	.20	.25
Opal Medicine Cups.....	.05	.10
Crystal Fountains.....	.20	.30
Colored Bird Cage Tassels.....	.15	.20

Bird Baths Bird Nests Etc.

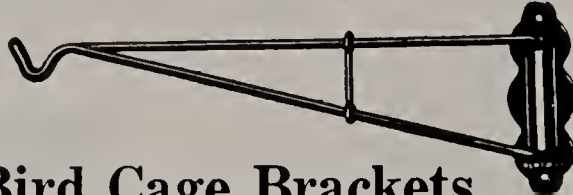


	Each	By mail
Opal Bird Baths.....	\$.15	\$.25
Wire Bird Nests.....	.10	.15
Nesting Hair, pkg.....	.10	.12
Novelty Bells for cages.....	.10	.15

Bird Cage Springs



	Each	Post-paid
Brass Cage Springs, heavy.....	\$.15	\$.20
Brass Cage Springs, light.....	.10	.15
Bird Cage Springs, colored.....	.10	.15
Brass Cage Spring Chain, 1 ft.....	.10	.15
Brass Cage Spring Chain, 2 ft.....	.15	.20
Brass Cage Chain & Ring, 3 ft.....	.20	.30



Bird Cage Brackets

	Each	Post-paid
C. H. Bird Cage Bracket.....	\$.15	\$.20
B. J. Bird Cage Bracket.....	.20	.30
Perches, all sizes.....	.05	.08
Swings.....	.10	.15
Knobs, for top.....	.15	.20
Round Wood Cage Swings.....	.10	.15

Philadelphia Bird Seed and Remedies



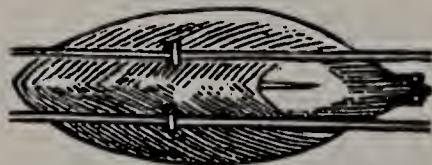
	Each	Post-paid
Phil. Mixed Canary Seed, pt. box.....	\$.20	\$.28
Phil. Red Bird Gravel, pt. box.....	.15	.25
Phil. Silver Bird Gravel, pt. box.....	.15	.25
Phil. Drahotas Song Restorer, box.....	.20	.25
Phil. Bird Bitters, bottle.....	.25	.30
Phil. Mite Powder, box.....	.25	.30
Phil. Bird Nestling Food.....	.25	.30
Phil. Moulting Pepper, box.....	.25	.30
Phil. Orange Color Food, box.....	.25	.30
Phil. Bird Merican Salve.....	.25	.30
Phil. Bird Manna.....	.15	.18



Spratt's Bird Food



	Each	Post-paid
Spratt's Lgg Flake Canary Mixture.....	\$.25	\$.35
Spratt's Parrot Food.....	.25	.35
Spratt's Sing Song Tablets.....	.15	.20
Spratt's Cod Liver Oil Nestling Food.....	.15	.20
Spratt's Song Restorer.....	.25	.30
Spratt's Lovebird Mixture.....	.25	.35



Cuttle Fish Bones

Phil. Bird Cuttle Bone — With holder. Large, each 10c; postpaid 12c. Small, each 5c; postpaid 7c.

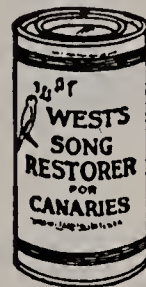
Fresh, clean, medium size, whole bone, loose, 3 for 5c; lb. 40c. By mail, 3 for 10c; lb. 50c.

Wire Cuttle Bone Holders—10c.

Bird Seed and Remedies

	Per lb.	Post-paid
R.-H. Co.'s Mixed Canary.....	\$.15	\$.25
R.-H. Co.'s Bird Hemp.....	.10	.20
R.-H. Co.'s Bird Rape.....	.15	.25
R.-H. Co.'s Bird Millet.....	.10	.20
R.-H. Co.'s Plain Canary.....	.15	.25
R.-H. Co.'s Sunflower Seed.....	.15	.25
French Bird Seed.....	.15	.25
Gunning's Bird Tonic.....	.25	.35
Honey Cakes.....	.05	.10

West's Bird Food and Remedies



	Per lb.	Post-paid
West's Magnesia Grit.....	\$.10	\$.20
West's Rape & Canary Mixture.....	.20	.30
West's Moulting Food, Glass.....	.25	.35
West's Asthma Relief.....	.20	.25
West's Bird Charcoal.....	.10	.15
West's Egg Bread.....	.20	.30
West's Imported Bird Seed with Honey Bun Grit Cuttle Bone.....	.25	.35
West's White Golden Spray Gravel.....	.15	.25
West's Song Restorer, Glass.....	.25	.35
West's Vitamin Song Food.....	.25	.35
West's Lice Powder, Sifter Top.....	.10	.15
West's Bird Tonic and Bitters.....	.25	.35
West's Color and Pepper Food, Glass.....	.25	.35
West's Special Mating Food.....	.35	.45
West's Paraquet Seed.....	.25	.35

Haller's Bird Remedies

	Each	Post-paid
Dutch Song Restorer.....	\$.25	\$.30
Bird Bitters.....	.25	.30
Cage Wash.....	.20	.30
Feather Restorer.....	.20	.25



Gold Fish Food

	Each	Post-paid
Spratt's Aquarium Fish Food.....	\$.10	\$.15
Wafer Fish Food.....	.10	.15
Natural Fish Food.....	.10	.15

Spratt's Tropical Fish Food

Made especially for tropical and baby fish. Keeps them in good health. ½ oz. size, 15c; by mail, 20c.



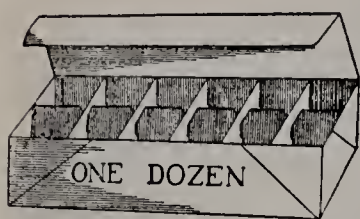
Eight-In-One Health Song and Vigor Restorer

A quick relief for colds and loss of song and moulting out of season in canaries. It dispels all impurities from the blood; builds them up. It contains eight separate materials and is the result of 40 years of study of all ailments of canaries. It is highly recommended. 3 oz. bottle 25c; by mail 35c.



R.-H. CO.'S POULTRY SUPPLIES

Carboard Egg Cartons



These are intended for delivering eggs to consumers. Hold one dozen each; has 2 rows, 6 eggs each. Dozen, 20c; 100, \$1.25; per bundle 250, \$2.75; 1,000, \$10.00; by parcel

post, dozen, 30c; 100, \$1.50.

Hatching-Egg Boxes

Made with large cells to facilitate extra wrapping, double walled corrugated on all sides, especially designed for transporting valuable eggs for hatching. No. 3—15-egg size; each 20c; dozen \$1.80; by parcel post, each 25c; dozen \$2.10.



Baby Chick Shipping Boxes

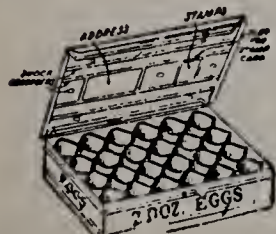
Made from corrugated paper with strong bottom and ventilated top. Strong, yet light in weight. Price with staples: 25-chick size.....Doz. \$.75; mailed \$1.00 50-chick size.....Doz. \$1.00; mailed \$1.25 100-chick size.....Doz. \$1.40; not mailable Chick Box Staples — 20c per 100; \$1.50 per 1,000; postpaid, 30c per 100; \$1.75 per 1,000.

Chick boxes sold in bundles of one dozen each only.

Humpty Dumpty Egg Carrier

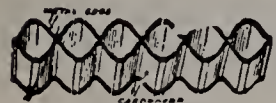


Strong and durable. No tools to set them up. Can be used over and over. A fine egg carrier for either parcel post or express shipments. Price, 6 dozen size, 55c; by parcel post, 70c. Price, 12 dozen size, 70c; by parcel post, 90c.



Aluminized Metal Egg Crates

Indestructible; made for interchangeable shipments; lasts for years; pays for itself in a few shipments.

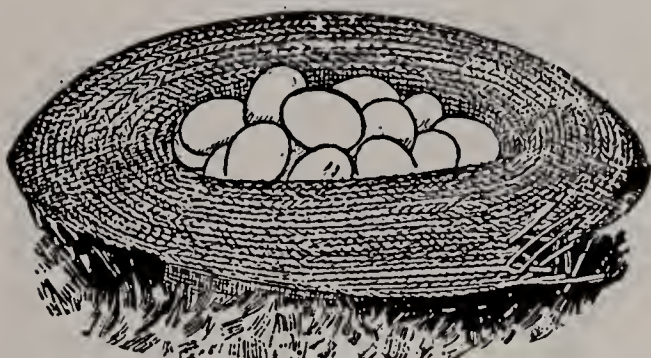


Size	Weight	Empty	Each	Postpaid
2 doz.	3 lbs.		\$1.50	\$1.57
4 doz.	5 lbs.		\$1.75	\$1.85

Eyrie Shipping Coops

Ends and sides heavy corrugated cardboard. Top and bottom wood. Parcel Express Post No. B—3-bird size, each..... \$.50 \$.70 No. C—4-bird size, each..... .70 .90

Nest Eggs



These are very effective, especially the medicated ones, which not only act as a nest egg, but will kill mites and lice at the same time. Prices as follows:

MedicatedDoz. 60c; parcel post.....75c
Lime EggsDoz. 30c; parcel post 45c
China or Opal Eggs.....Doz. 25c; parcel post 40c

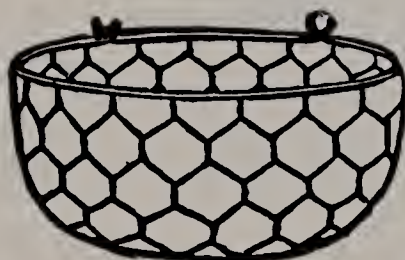
No. 6 Oat Sprouter

Has six round-shaped heavy galvanized iron pans. The frame is strong and well made. Will last many years. No heat or lamp is needed. Place sprouter near a furnace, soak oats 10 to 12 hours, place in pans 1 inch deep; sprinkle and stir every 24 hours.

Price: No. 6 Oat Sprouter \$1.00, f.o.b. Memphis.



Wire Hen's Nests



Made of copper steel wire, with plate steel ribs and heavy top wire; all copper finish. Provides a clean sanitary nest; it is fastened to the wall with nails or screw hooks.

14-inch nest, each 20c; 6 for \$1.25; by parcel post, each 30c; 6 for \$1.50.

Pigeon Nests

Durable and light; galvanized iron; also are best for sanitary purposes. Each 15c; 6 for 90c; by parcel post, each 25c; 6 for \$1.10.



Stoneware Pigeon Nest

Made so the birds cannot tip over. A good, safe nest. Size 9½ inches. Each 25c; by parcel post. 40c.

Poultry Punches



These are made for marking baby chicks by punching a hole in the web between the toes.

Pocket size Petty Punch.....25c; postpaid
Moe's No. 39 Ideal Punch.....35c; postpaid

No-Set Poultry Guard

Will not injure the hen in anyway and effectually prevents her from setting.

No. 290—No-Set Guard. Each 10c; by parcel post 15c.

POULTRY LEG BANDS



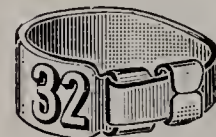
Colored Celluloid Spiral Leg Bands

These slip on like a key ring; cannot drop off; easily removed. Made of the various colors — white, pink, yellow, green, dark blue, light blue and red. Made in all sizes. When ordering state what breed and color you want them.

	Postpaid,		
	Doz.	50	100
No. 1—Brahmas, etc.	\$.15	\$.30	\$.50
No. 2—Barred Rocks, R. I. Reds, Minorcas.....	.15	.30	.50
No. 3—Leghorns and Anconas .....	.15	.25	.45
No. 4—Bantams .....	.15	.25	.45
No. 5—Pigeon size .....	.10	.25	.40
No. 6—Baby Chick size.....	.10	.25	.40

Champion Leg Band

LARGE RAISED FIGURES



These are adjustable to fit any size fowl, very light and will not come off easily. Numbered from 1 to 300. Doz. 15c; 25, 25c; 100, 60c; postpaid.

Coloroid Chick Bands



This is a neat, attractive and very visible band, easy to apply; can be applied the day chicks are hatched, or later; can be used several times. Colors as follows: orange, black, white, dark green, red, blue. Not numbered. 25 for 20c; 50 for 35c; 100 for 50c; postpaid.

Reliable Colored Leg Band



In colors with printed numbers. Made of aluminum with colored numbered inserts. Adjustable. In four colors—blue, red, green and white. Packed in envelopes, numbered 1 to 12, 13 to 25, 26 to 50, 51 to 75, and 76 to 100. Will fit Barred Rocks, Rhode Island Reds. Minorcas, Anconas and Leghorns. Doz., 20c; 25c, 35c; 100, \$1.25; postpaid.

"Bandettes"



The latest spring clip pattern. Made entirely of celluloid. Bandettes are strongly made, the numbers are indestructible, the Bandettes come in the following colors; Red, blue, green. Two sizes—Leghorns, and Rocks or Reds. With our selection of numbers from 1 to 100. 25 for 50c; no less sold; 50 for 90c; 100 for \$1.75; postpaid.

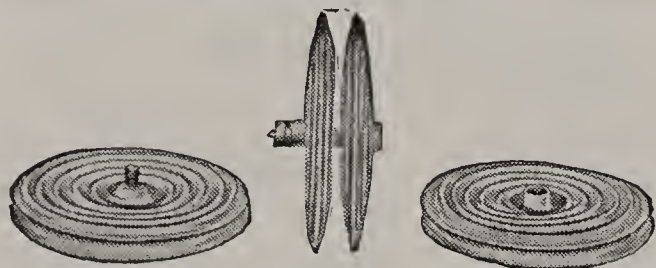
Elite Colored Pigeon Bands



Made of a special grade of aluminum with colors plain, and has large numbers. Colors: Green, red, blue and orange; numbered in pairs from 1 to 50. Packed in envelopes containing 6 pairs each. 6 pairs, 12 bands, 25c; 12 pairs, 45c; 24 pairs, 75c; postpaid.

BROODER SUPPLIES, ETC.

Thermostat Wafers



Double units with solid post between making each wafer independent of the other. Accurate and durable. Fits all standard makes of coal brooders, such as Reliable, Buckeye, Old Trusty, Queen, Moe's, Macomb, National and all others using a standard type regulator arm. Fits oil brooders. Price 3-inch double thermostat, each 50c; postpaid, 60c.

Brooder and Incubator Thermometers

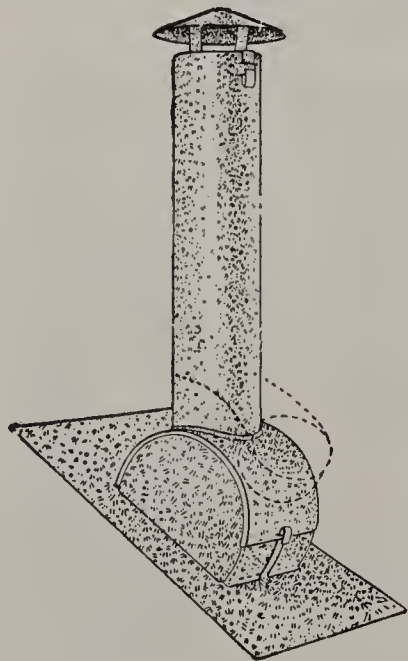
No. 126—Tycos, Inc. Certified.....	\$1.25
No. 5440—Tycos Weather Thermometer .....	.35
No. 5792—Half-round 8 in. Brooder.....	.50
No. 5794—Flat 5 in. Brooder .....	.50
No. 125—Tycos Inc. Thermometer	1.00
By parcel post add 10c; each for postage.	

Smoke Pipe for Brooders



No. 114—Black Smoke Pipe, 2-foot lengths.
4-in. each 20c 5-in. each 25c

Roof Saddles for Brooder Pipe

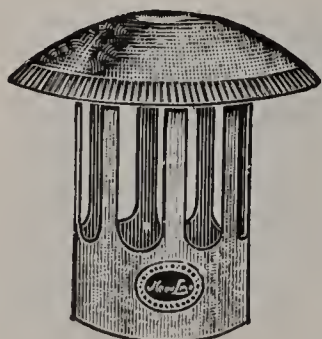


Made of galvanized iron and adjustable to any required degree from an almost flat roof to one-half pitch. Size of flat roof flange, 14-inch by 18-inch, and made in two sizes, for 4-inch and 5-inch brooder pipes.
Moe's No. 440—4-inch Roof Saddle, without cap \$1.50
Moe's No. 441—5-inch Roof Saddle, without cap \$1.65

Draft Equalizer

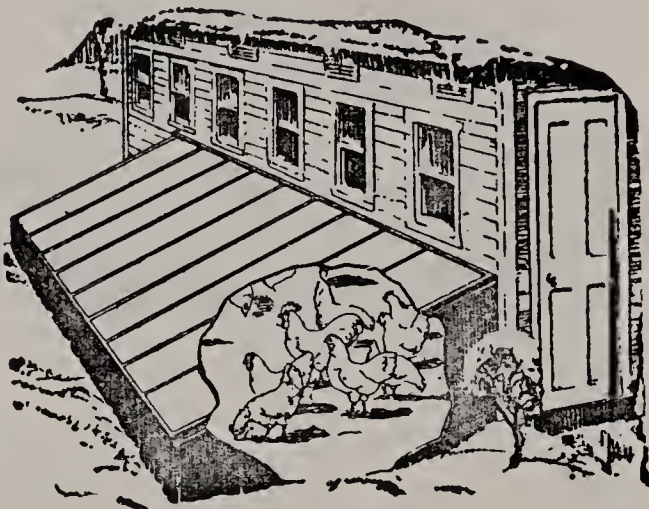
Prevents the wind from blowing smoke back down the chimney and choking the fire.
No. 449—for 4-inch pipe..... \$1.00
By parcel post 1.25

Smoke Pipe Top Cap



Chimney Cap for Moe's No. 440 Roof Saddle or other Brooder Stove Pipes. Keeps out rain and snow and improves the draft. Easy to install; no tools or bolts required. In two sizes.
No. 444—Chimney Cap for 4-in. pipe, each 35c
No. 445—Chimney Cap for 5-in. pipe, each 40c
Mailing 15c each extra.

Glass Cloth



Glass Cloth is excellent for Poultry Houses, Brooder Houses, Hotbeds, Cold Frames, Windows, Doors, etc., and is a perfect substitute for glass, except for roofing. All Glass Cloth comes 3 feet wide.

Prices

One piece 5 yards long.....	\$ 1.50
By parcel post	1.70
One piece 10 yards long	2.70
By parcel post	2.90
One piece 15 yards long.....	3.75
By parcel post	4.10
One piece 50 yards long	11.00
F. O. B. Memphis.	
One roll 100 yards long	20.00
F. O. B. Memphis.	

Corrugated Elbows



No. 115—Black Corrugated Elbows.
3-inch, each 15c
4-inch, each 20c
5-inch, each 25c

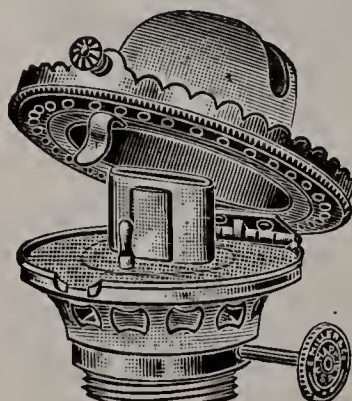
Pipe Collars

No. 117—Pipe Collars. Sizes, 6 x 4, 6 x 5.
All same price, each 10c

Brooder Repairs

Glass Reservoirs, National or Moe's..... \$1.25
Reservoir Valves, National or Moe's..... .40
Burner Drums, National or Moe's—Ask for prices.
National Burners, complete, 2 sizes—Ask for prices.
Wicks for National, 2 sizes 40c to .65
Wicks for Moe's Brooder, 2 sizes..... .30
Brooder Thermometers, each..... .50
If wanted by mail, add postage to prices quoted.
Specify kind and size of brooder when ordering.

Brooder and Incubator Lamp Burners



No. 1 Burner—Each 35c; by parcel post 45c.
No. 2 Burner—Each 40c; by parcel post 50c.
No. 3 Burner—Each 50c; by parcel post 60c.
No. 2 Chimneyless Burner—Each 40c; by parcel post 50c.
No. 214 Double Burner—Each 75c; by parcel post 85c.

Poultry Litter



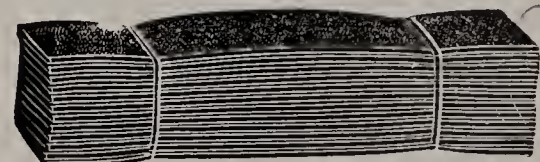
A perfect scratching material for baby chicks. A deodorizer, absorbent disinfectant and labor-saving litter. It absorbs all the moisture from droppings.
Trial bales containing 2 bushels, compressed, \$1.25; postpaid \$1.60. Large bales containing 20 bushels, compressed, \$3.75; f.o.b. Memphis.

Lamp Chimneys



Lamp Chimneys for Incubators and Brooders—Strong metal. No. 2 Chimneys, each, 25c; by parcel post, 35c; No. 3 Chimneys, each, 35c; by parcel post, 45c.

Brooder, Incubator Wicks



Nos. 1, 2 and 3—Cotton Wicks—3 for 10c
Nos. 1, 2 and 3—Red Felt Wicks—3 for 10c
Asbestos Wicks, small Each 30c
Asbestos Wicks, large Each 30c
Kerogas Wicks, small Each 40c
Kerogas Wicks, large Each 65c
Putnam Brooder Wicks 3 for 10c
Putnam Stove Wicks 2 for 5c
Above prices are postpaid.

Brooder and Incubator Lamp Bowls

	Each	Postpaid
No. 1 Bowls.....	.35	.50
No. 2 Bowls.....	.60	.75
No. 3 Bowls.....	.75	.90

Dandy Egg Tester

Will test eggs accurately for all purposes. Each, 15c; mailed, 25c.

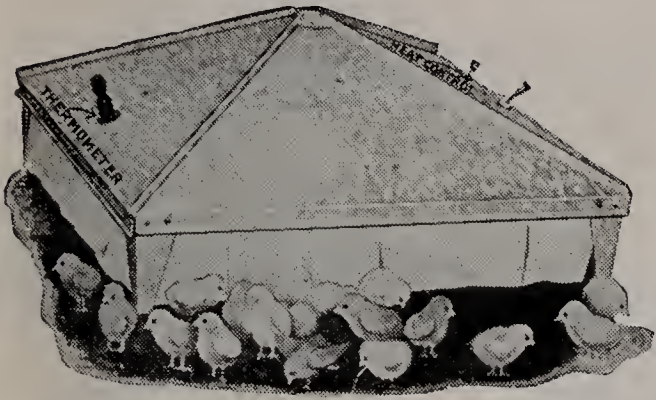
3 Quart Continuous Hand Sprayer



Every brooder and brooder room should be disinfected; a good sprayer like the one illustrated will do the job quickly. This new three-quart capacity hand sprayer is easy to operate; there is no other machine like it for power, efficiency and operation. It will spray a continuous stream, handles all kinds of insecticides and disinfectants, fly and mosquito exterminators. Trouble proof construction, as every part can be reached for quick and easy cleaning. Can also be used for spraying plants if liquids are strained before putting them in the tank. It is well made of strong galvanized metal. Price, \$1.50; by mail, \$1.75.

R.-H. CO.'S BROODERS

Oakes' Electric Brooder



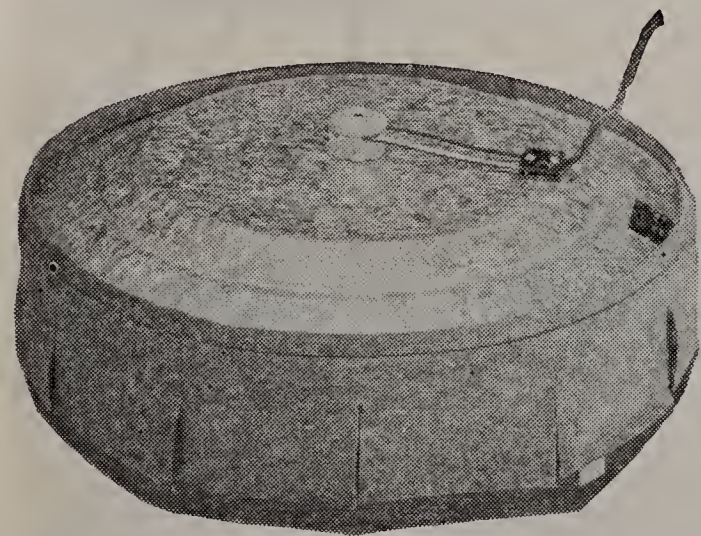
The Oakes New Improved Electric Brooder is by far the most modern and economical brooder for raising flocks from 100 to 650 chicks. The Oakes Electric Brooder can be installed and placed in operation fifteen minutes after arrival. It is only necessary to plug the attachment cord into the nearest lamp socket and adjust the thermostatic switch to give desired temperature. Positive heat control with the Oakes automatic thermostat. Clean, even heat.

No lamps, smoke or fumes; no ashes or coal to carry; no wicks to trim; no messy oil.

PRICES:

No. 722—Size 22 in., chick capacity 75, weight 15 lbs. Each \$ 7.50
No. 732—Size 32 in., chick capacity 150, weight 35 lbs. Each 14.25
Larger sizes quoted on request.

Jamesway Electric Brooder



These new improved Jamesway Electric Brooders are up to date, modern and will give perfect satisfaction. We have both the insulated and uninsulated hovers or brooders. The latter are for small flocks and can be used in any room if the hover is placed inside of a large box, so as to retain the heat.

PRICES:

No. 696—21-in. uninsulated Hover, 50-chick capacity \$3.95; by mail \$4.50
No. 698—32-in. insulated Hover, 200-chick capacity \$10.95; by freight or express only.

QUALITY BABY CHICKS

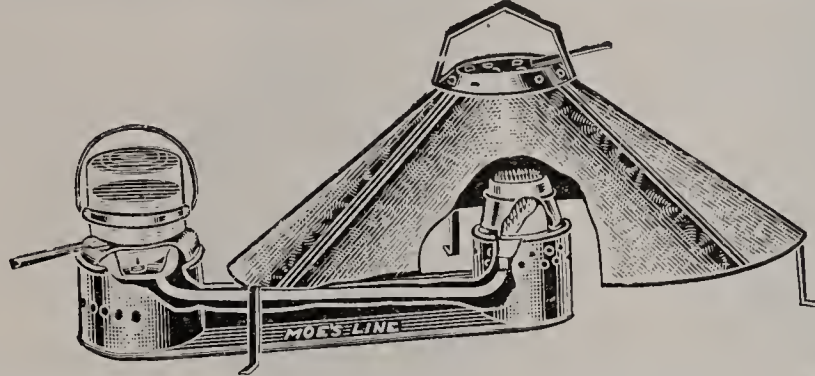
From the Sterling Hatchery

They are from carefully selected and mated flocks. You won't get chicks from pullet eggs when you buy Sterling chicks.

Remember, it's in the proper mating. If you have been stung, try a shipment of our chicks and you will see the difference when you open the box.

For prices on Sterling Baby Chicks, see first page of catalogue.

Blue Flame Oil Burning Brooders



Moe's Blue Flame No. 232—34 inch—300 chick size.....\$ 7.95
Moe's Blue Flame No. 233—42 inch—500 chick size..... 8.95
Moe's Blue Flame No. 234—52 inch—1,000 chick size..... 9.95
Moe's Automatic No. 225—34 inch—300 chick size..... 11.95
Moe's Automatic No. 226—42 inch—500 chick size..... 13.00
Moe's Automatic No. 227—52 inch—1,000 chick size..... 15.00
National Blue Flame No. 61—42 inch—350 chick size..... 12.50
Moe's Coal Burning Brooder No. 113—52 inch—1,000 chick size..... 14.50

Liv-An Grow Electric Brooders

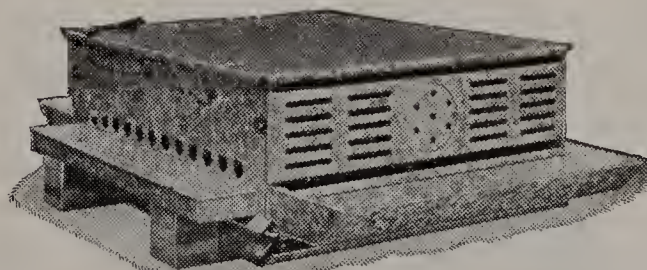


50 Chick Unit

A low-priced primary brooder, the box is made of strong fibre with a wire screen floor. It is also durable, waterproof, and equipped with feed and water pans. The box part can be replaced when soiled at a nominal cost. The brooder can be set on the end of two chairs or on a frame, made with legs so as to raise it to a convenient height, which avoids stooping when feeding and watering the chicks. The outfit consists of Brooder Box, ten feet of electric cord, porcelain socket with terminal plug and a circulating drum to enclose the bulb. Electric light bulb is not furnished. Size of brooder, 20 by 24 inches, 7½ inches high.

Price without dropping pan, only \$1.75; by parcel post, \$2.00. Dropping Pan, 50c; extra; mailed, 65c.

Jamesway Battery Brooder Section

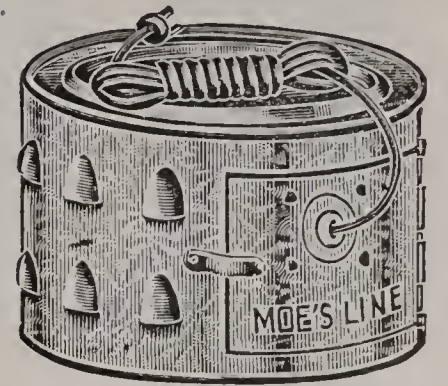


The Jamesway individual compartment is well made, strong, heavy and will give real results. It is made so the circulation of heat and air are properly regulated; the temperature is controlled by an automatic thermostat.

The heat element is placed in the center, thus avoids crowding and this heat is properly distributed over the entire space. The Jamesway is the only battery that has this feature. Size of section 30 by 30 inches; capacity 100 chicks. Price complete with feed and water pans.

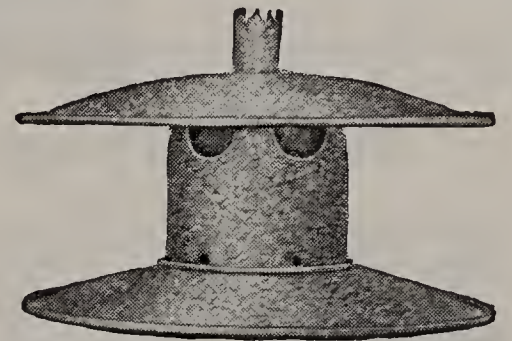
Price: No. 628—Single section, with heat element, \$14.25, f.o.b. Memphis.

Electric Brooder Heater



Price, No. 436 Electric Heater, \$2.80; by parcel post, \$3.05.

Putnam Brooder Heater



There is no brooder on the market at any price that equals the Putnam Home-Made Brooder in ease, simplicity and economy of operation; none which uses so little oil per chick. This brooder consumes less than a gallon of oil a month. Price: Brooder Heater only.....\$4.50

No box furnished.

By parcel post 4.75

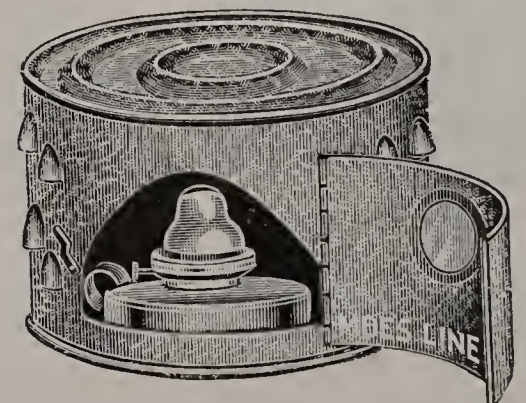
The Little Putnam Stove



cel post \$2.10.

Keeps drinking water from freezing. Costs only 20c to 30c for oil to run an entire winter. Make your own oat sprouter with a Little Putnam Stove. Price \$1.90; by parcel post \$2.10.

No. 10 Oil Brooder and Fountain Heater



An excellent heater that burns kerosene, for a small brooder. Place in a box and the chicks will keep warm and comfortable. It can also be used with any style poultry fountain and prevents water freezing.

Price, No. 10 Brooder Heater, complete, \$1.85; by parcel post, \$2.15.

RUSSELL-HECKLE'S POULTRY FOUNTAINS

Mason Jar Fountain



Constructed so that plenty of water is always in the pan. Pan will not overflow. Screw cap electrically welded to steel pan. Fits standard mason jar.

No. H25 Fountain — Galv. (without jar). Each, 10c; 6 for 50c; by mail, each, 20c; 6 for 70c.

Easy Fill Fountain



5-Quart Capacity

Here is a fountain value really out of the ordinary. Made of heavy, galvanized iron. Embodies the convenient features—yet sells at a very low price, made possible by quantity production and simplicity of design. Top snaps into bottom pan on glove fastener principle. Has drop handle for carrying. Sloping top prevents roosting. Trough especially designed for baby chicks. Height 9 inches, diameter 9½ inches.

No. H1 Fountain. Galvanized. Each, 50c; mailed, 65c.

No. 068 Fountain and Feeder

A galvanized pan made to hold any Mason fruit jar. Can be used either for feed or water. Easy to fill; not necessary to unscrew the jar. We do not furnish jars. Price, each 8c; four for 25c; by parcel post, each 18c; four for 40c.



Gem Chick Fountain

Easy to fill and clean; a good, serviceable fountain for chicks or growing fowls. The fluted pan keeps chicks from getting wet.

No. M158—1 gallon size, Each 50c

No. M159—2 gallon size, Each 75c

By mail, 20c each extra.



Star Fountain

No parts to come unsoldered. Leaking impossible. Will fit pint, quart or half-gallon Mason jar.

Price of holder, without jar: No. 32, galvanized, each 10c; 3 for 25c; by parcel post, each 20c; 3 for 35c.



Handy Fill Chick Fountains



No. H2



No. H3

Tank and Pan made of heavy galvanized sheet. Two piece construction. Tank snaps into pan on glove fastener principle. Tank is inverted to fill and the pan snapped in place. The fit between tank and pan are close and prevent water splashing out when the fountain is turned into an upright position for use or carrying. Scalloped edges of drinking trough provide individual drinking space for chicks and they can not get wet or drown, yet these individual spaces are large enough to accommodate broilers and hens. An ideal fountain for the brooder or laying house. Two sizes.

No. H2 Fountain—2 gallon, height 8½ in. Each, 70c; mailed 90c.

No. H3 Fountain—3 gallon, height 11½ in. Each 95c; mailed \$1.15.

Double Wall Fountain



H5—H8

Vacuum Type Patented



H5B—H8B

This double wall waterer is top filled. Double wall keeps water cool in summer and retards freezing in winter. Operates on vacuum principle. Feeds automatically. Small automatic valve prevents pan overflowing while being filled. New pivot mounted disc on cover wobbles from side to side and positively prevents roosting on cover. Excellent for growing chicks and full grown birds.

No. H5 Fountain—5 gal., pan diam. 15 in. Each \$2.75.

No. H8 Fountain—8 gal., pan diam. 17 in. Each, \$3.50.

No. H5B Fountain—With Perch and Legs, 5 gal. Each \$4.50.

No. H8B Fountain—With Perch and Legs, 8 gal. Each \$5.50.

Bottom Fill Chick Fountain



No. H4 Fountain—Hgt. 6 in., cap. 1 qt. Each, 20c; mailed 30c.

No. H5 Fountain—Hgt. 8 in., cap. 2 qts. Each, 25c; mailed 40c.

No. H6 Fountain—Hgt. 9½ in., cap. 1 gal. Each, 35c; mailed, 50c.

Made of heavy galvanized steel—two pieces, cone shape, easily filled and cleaned. Accurately made, inexpensive.

Jamesway Chick Waterer

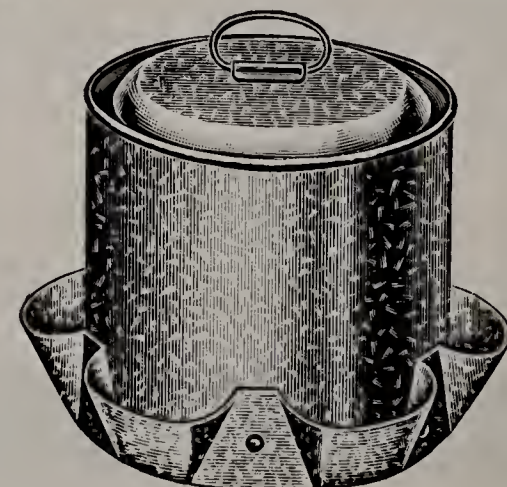
This is the waterer which has been such a success with poultry raisers. It is a vacuum type. It is easily filled and

cleaned—can't tip over. Chicks can't get drowned. Only two parts—a pail and a heavy pan. Can be carried by bail without spilling when pan is on or off. Holds 6 qts.



Price: No. 507 Jamesway Chick Waterer. \$1.00; by parcel post, \$1.30.

Snap-On Chick Fountain



The scalloped pan has six drinking spaces, each large enough for two chicks to drink at once. Can fits snugly into pan and is held in place by friction. After filling, the can may be carried by the handle. The top is flat, so that can is easily filled when inverted. Made of heavy galvanized steel.

No. O100B—1-gallon size Each 50c

No. O100C—2-gallon size Each 75c

By mail, 20c extra.

No. 529—3 Gallon Chick Waterer

Holds enough for 500 chicks a day without refilling, a labor-saver that keeps chicks from getting soaked and chilled. copper-float regulates water flow. This is a well-made, strong, practical fountain. Price, \$1.75; postpaid, \$2.15.

Five Gallon Lamp Heated Fountain



H5B

A five gallon lamp heated fountain for winter or summer use. The fountain is of the double jacket, slip-cover type with drinking pan all the way around. Equipped with valve so that inner tank may be used as a pail or bucket when filling. Fountain designed to be lifted from base to attend to lamp. New pivot mounted disc on cover wobbles from side to side and positively prevents roosting on cover. Cover locks onto inner jacket so this can be lifted either when cover is removed or cover is in place without emptying fountain. Diameter 11½ in.; base 15 in. Height over all 23 in. Complete with large Simplex flueless single burner lamp.

No. H5—Fountain—5 gal. Each, \$4.25.
No. H5B—Fountain—5 gal., with Perch and Legs. Each, \$5.50.

(Overall height on perch 35 inches)
(Perches 18 inches above floor)

Vacuum Type
Patented



No. H5

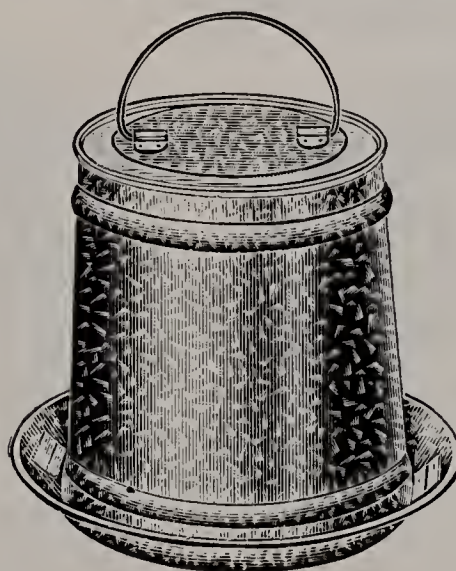
Mason Jar Buttermilk Feeder



For Milk, Buttermilk or Medicine.
Bright charcoal tin—acid and weather-proof—for feeding medicine and milk.

No. H25—Fountain — Bright Charcoal tin (without jar). Each, 15c; 4 for 50c; mailed, each, 25c; 4 for 65c.

Leader Fountain



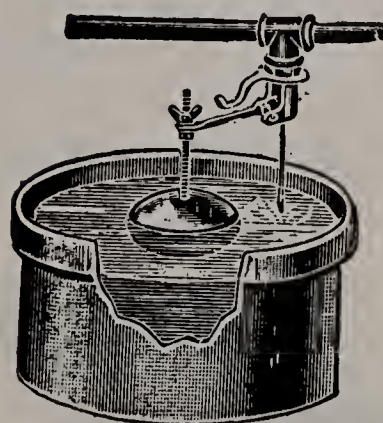
For hens and growing chicks; also baby chicks. Provides adequate water supply without crowding. The pan is properly shaped to prevent chicks getting into the trough, but it is deep enough for use of hens. It is made of heavy gauge steel, a durable and strong outfit that will last for years if taken care of.

No. 0102—2-gallon Leader Fountain, \$1.00.

No. 0103—3-gallon Leader Fountain, \$1.25.

By mail, 30c each extra.

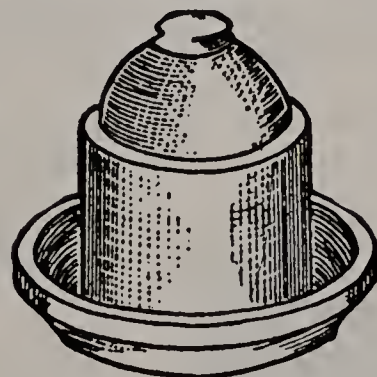
Automatic Fountain



Can be attached to iron pipe, barrel or tank; insures a continuous supply of fresh water. The automatic valve and float is entirely of brass, nickel finish.

No. M30—Without pan, \$1.00; by parcel post \$1.10.

Stoneware Fountain



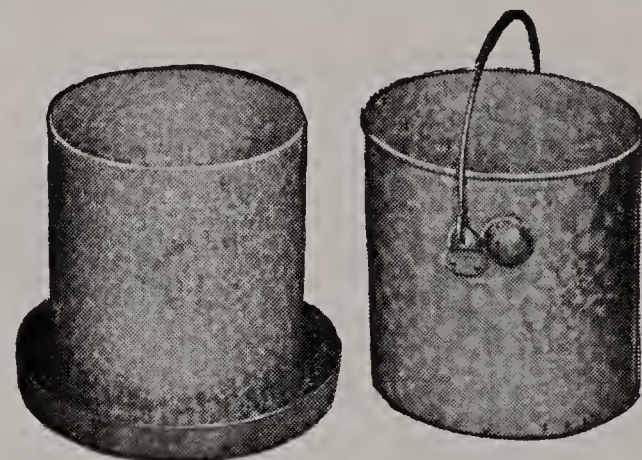
It is made in two parts, the saucer being separated from the upper portion, so it can be easily cleaned. These stoneware fountains are the best to have when using any medicine, such as White Diarrhea or Cholera remedies.

1 qt. 35c
2 qts. 45c
4 qts. 65c

Extra Saucers

For 1-qt. Fountain.....10c
For 2-qt. Fountain.....15c
For 4-qt. Fountain.....20c
Not mailable

E-Z-Fill Double-Wall Fountains

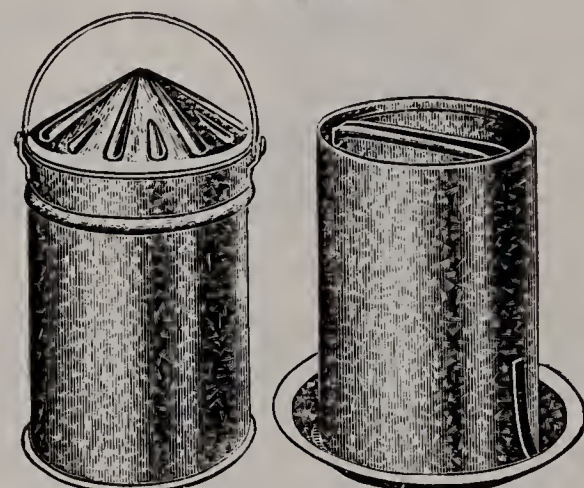


A new, inexpensive double-walled fountain with heavy bail for carrying the outer can. Can be used for baby chicks or hens. The new style has a cone-shaped roost-proof top. Drinking space all around fountain. Bail is held out of water as shown. Easy to fill and clean. No corks or valves. Made in two sizes.

No. 031—3 gallon size fountain only. Each, \$1.75.

No. 031A—3-gallon fountain with heater, \$3.25.

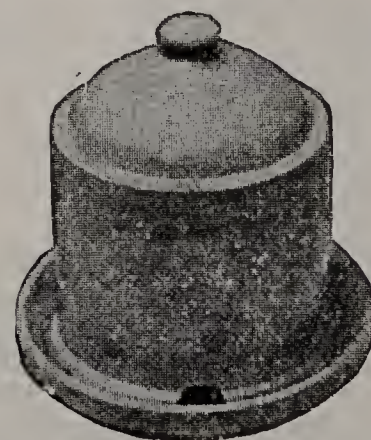
Acorn Double-Wall Fountain



An ideal fountain either for hens or growing chicks. The drinking pan has extra wide lip which catches drippings from the wattles of hens. Double wall construction. The top is conical; keeps poultry from getting on top of the can. It is easy to fill and to clean. Made of extra heavy galvanized steel.

No. 064—4-gallon size, each \$2.50; by mail, \$2.85.

Stoneware Buttermilk Fountain



This is the strongest and best constructed Earthen Buttermilk Feeder or waterer on the market. The saucer and top container are highly glazed inside and out of high grade earthenware.

½-gal. size45c
1 gal. size65c

Extra Saucers

For ½-gal. Fountain 15c
For 1-gal. Fountain 20c
Not mailable.

Square Top Fill Fountain Round Top Fill Fountain



Double wall. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.

No. M1—1-gal. capacity. Each \$1.25; by parcel post, \$1.50.

No. M2—2-gal. capacity. Each \$1.90; by parcel post \$2.20.

No. M4—4-gal. capacity. Each \$2.25; by parcel post \$2.60.



Made with round drinking pan, which is preferred by many, and the outside cover has a wire handle so that it can be used to carry water when filling the inside tank. Easy to clean.

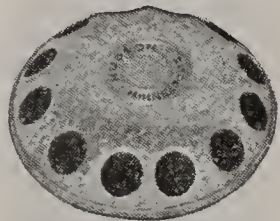
Made of heavy galvanized iron, with double walls, which keeps the water cool in summer, and retards freezing in winter.

No. M33—2-gal. capacity. Each \$1.90; by parcel post \$2.20.

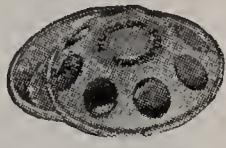
No. M34—4-gal. capacity. Each \$2.25; by parcel post \$2.65.

R.-H. CO.'S CHICK AND POULTRY FEEDERS

Round Chick Feeders



H12



H8

Used for water and all kinds of chick feeds. Lid fits snugly. Easily removed for cleaning.

No. **H8**—Feeder—Galv. 8 holes, each, 10c; 3 for 25c; mailed, each, 20c; 3 for 40c.
No. **H12**—Feeder—Galv. 12 holes, each 15c; 3 for 40c; mailed, each, 25c; 3 for 60c.

Double Trough Feeder



Has two sides, otherwise identical with the single trough.

No. **58**—12 inches long. Each, 25c; by parcel post, 35c.

No. **59**—18 inches long. Each, 35c; by parcel post, 50c.

No. **60**—24 inches long. Each 45c; by parcel post 60c.

No. **76**—36 inches long. Each 65c; by parcel post 85c.

Single Trough Feeder

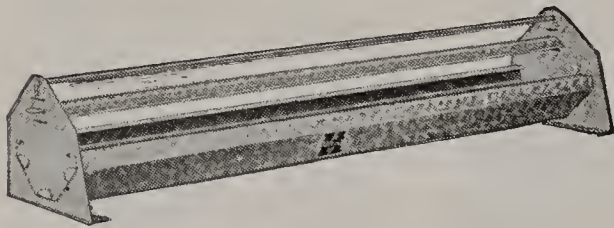


Just the thing for feeding baby chicks; has sliding top, easily cleaned.

No. **56**—18 inches long. Each 35c; by parcel post 50c.

No. **57**—24 inches long. Each 40c; by parcel post 55c.

Chick Feed Troughs



Die Stamped. V shaped bottom and flanged edge prevents waste of feed. Wire top guard adjustable. Shipped completely assembled.

No. **H15**—Feeder—Length 15 inches. Each, 20c; mailed, 30c.

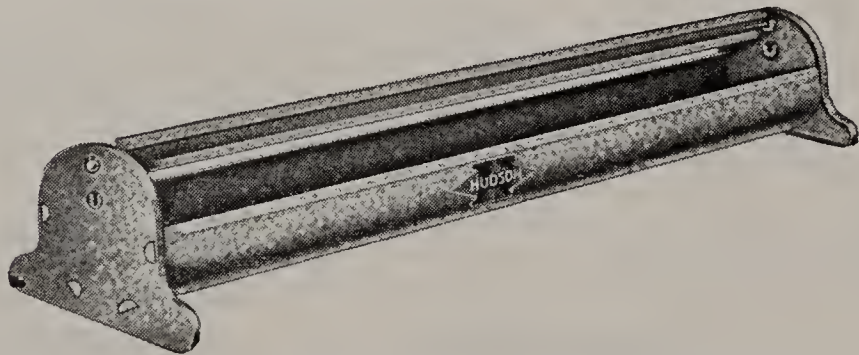
Adjustable Chick Feeder



Turned in flange at trough edge prevents feed waste, and double thickness eliminates sharp edge and increases strength. Wire guard rod prevents chicks getting into trough and may be swung to side for convenience in cleaning and filling. Adjustable to two positions for starting and growing chicks.

No. **HN24**—Feeder—24 in. long. Each, 30c; mailed, 45c.

Reel Type Chick Feeder

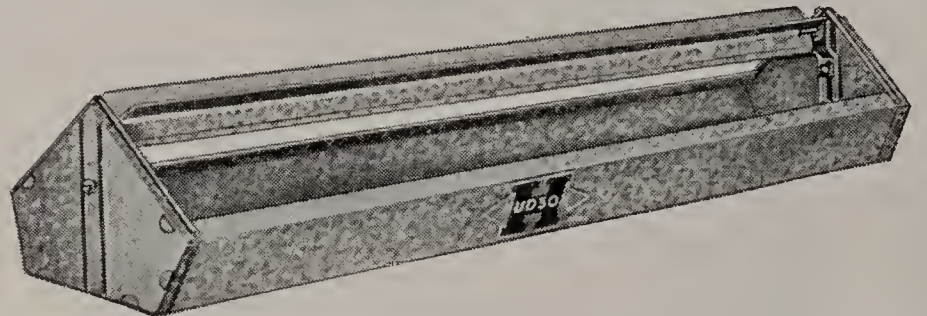


Revolving reel type feeder with relatively large capacity for baby chicks. Fully adjustable balanced four blade reel prevents roosting. Feeder is 2 in. deep and 4 in. wide with $\frac{3}{4}$ lip and all exposed edges folded or curled. Shipped set up with ends attached.

No. **H24**—Feeder—Length 24 in. Each, 35c; mailed, 50c.

No. **H36**—Feeder—Length 36 in. Each, 50c; mailed, 70c.

Large Reel Type Chick Feeder

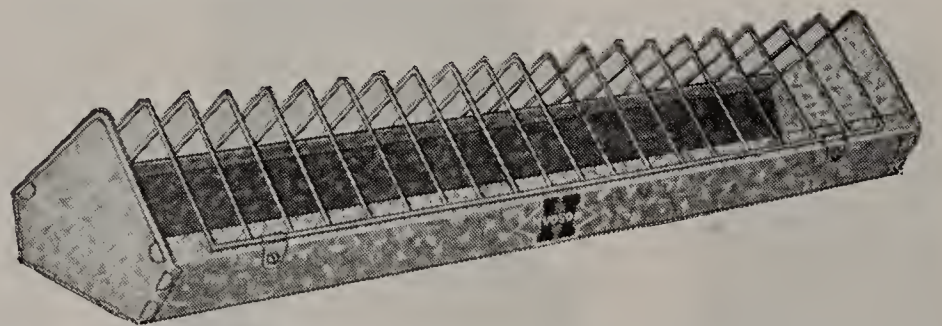


This new attractively designed and die formed feeder will supply the existing demand for a Reel Type inexpensive feeder suitable for day-old to six weeks-old chicks. The trough is somewhat deeper and wider than the H24. The rounded bottom trough has double folded turned in flange at trough edge which insures strength and prevents feed waste. Reel is all steel and well balanced on smooth revolving pins. Reel adjustable to two positions for large and small chicks. An excellent value. Shipped completely assembled. Two sizes.

No. **HR24**—Feeder—24 inches long. Each, 45c; mailed 60c.

No. **HR36**—Feeder—36 inches long. Each 70c; mailed 90c.

Chick and Broiler Feeders Grill Type

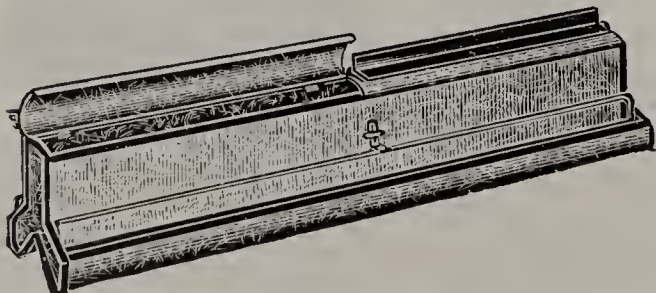


Especially designed for feeding large numbers of chicks from about two weeks old until ready for broiler market. Heavy gauge galvanized iron, $6\frac{1}{2}$ in. wide, 3 in. deep with full 1 in. lip. Shipped set up with ends attached.

No. **H30**—Feeder—Length 30 in. Each, \$1.00; mailed \$1.25.

No. **H48**—Feeder—Length 48 in. Each, \$1.50; mailed \$1.85.

Wire Guard Chick Feeder



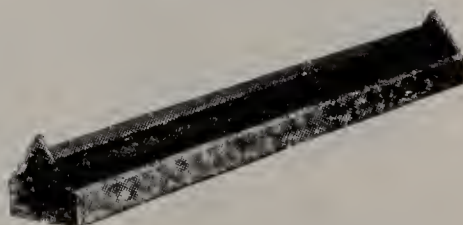
Will accommodate a large number of chicks at one time. The wire guard is adjustable for baby and growing chicks; also pullets. The hinged lid makes it easy to fill and clean; the tilting device prevents birds from roosting on top. The bottom is V shaped, thus putting feed to the center.

No. **O621**—21 in. long, capacity 11 qts. \$1.00

No. **O635**—35 in. long, capacity 18 qts. 1.50

By mail, 35c each extra.

Square Bottom Chick Trough



A very popular type of trough; has a revolving guard, mounted on the ends, so that it tips birds off. The turned edges prevent feed waste, and the guard is adjustable up and down to permit using trough for different size chicks. Size $1\frac{1}{2}$ inches deep, $3\frac{5}{8}$ inches wide, 30 inches long.

No. **O630**—Each, 35c; postpaid, 55c.

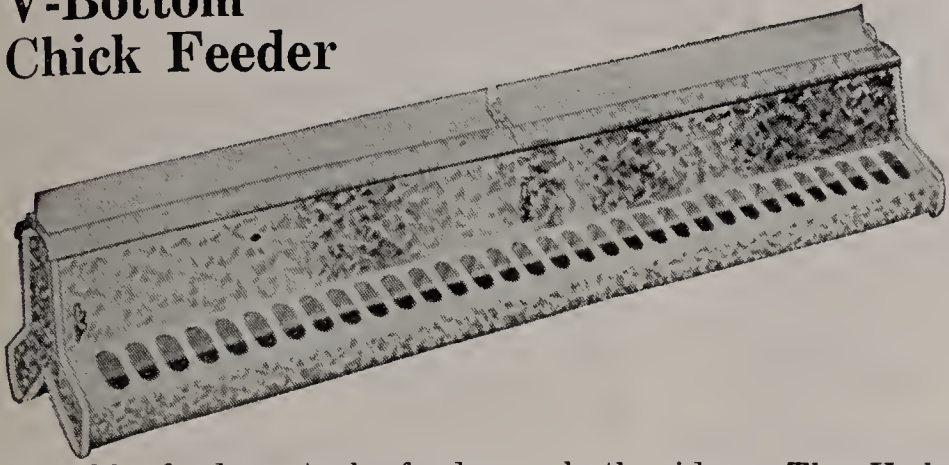
Oakes' Chick Grit and Shell Boxes

Chicks should have grit, oyster shell and charcoal, and for this purpose Oakes' Chick Grit and Shell Box is indispensable. Made with three compartments.



No. **O73**—Chick size. Each, 85c; parcel post, \$1.00.

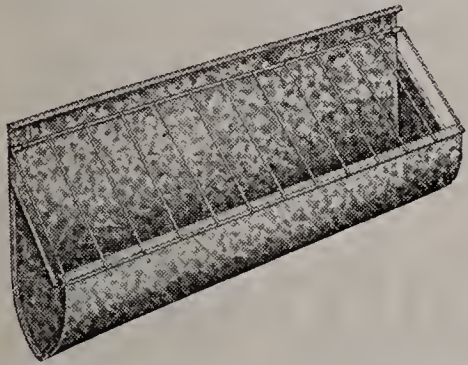
V-Bottom Chick Feeder



Adjustable feed control; feeds on both sides. The V-shaped bottom throws the feed forward, where the chicks can reach it. The lid is hinged and split in the center for convenience in filling. Adjustable feed slide permits feeding fine or coarse feed. Tippler on lid prevents chicks from roosting. Large feed capacity; made in two convenient sizes:

No. 0521—21 inches long. Capacity 11 quarts.....Each \$1.10
No. 0535—35 inch long. Capacity 16 quarts.....Each 1.75
By mail, 35c each extra.

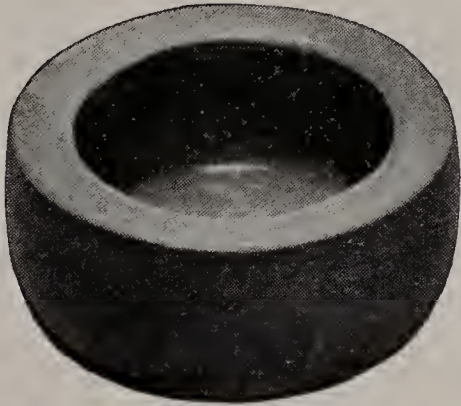
Wall Mash Feeder



Won't waste feed; can be kept out of the way and will always be sanitary if left hanging on the wall. The wire guard prevents any throwing out of the mash or grain. Size, 6 inches wide, 6 inches deep, 30 inches long; capacity 16 lbs.

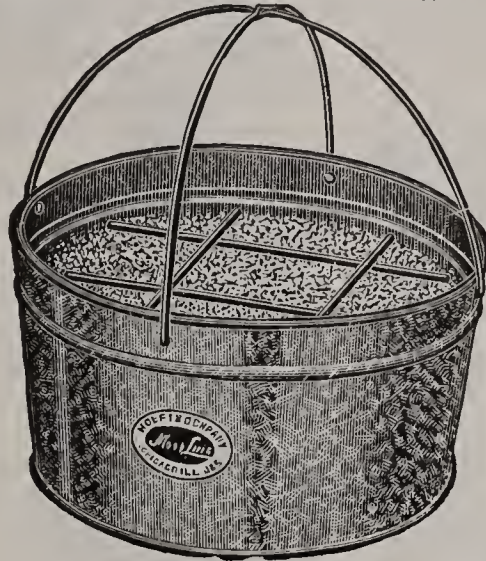
Price: No. 026 Wall Mash Feeder, \$1.75. By parcel post, \$2.20.

Stoneware Rabbit Feeder



Has flanged top, thus prevents waste of feed. Cannot be turned over while in use. Each 25c. By mail, each, 45c.

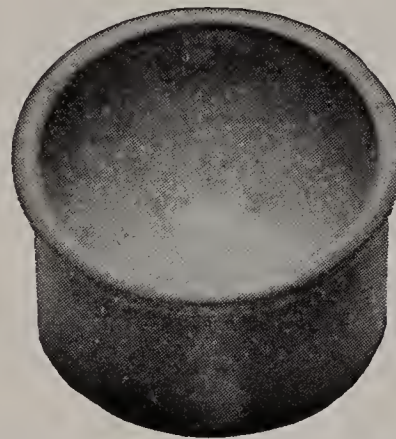
Round Mash Hopper



Capacity of 8 quarts. Has wire grid which rests on the feed and prevents the birds from wasting it. The top wire bales prevent the chickens from getting in the hopper.

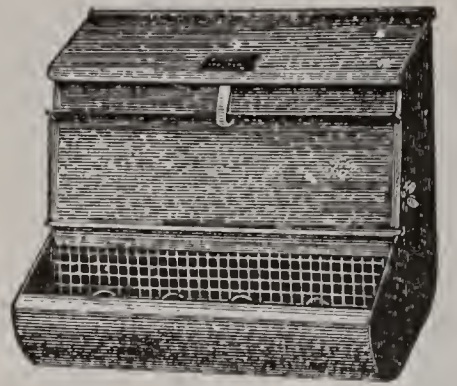
No. M150.....Each, 50c; postpaid, 70c

Stoneware Rabbit Waterer



Made especially for the purpose; animal cannot tip them over, as they are extra heavy. Each 25c. By mail, each 45c.

Non-Clog Dry Mash Hopper



Does not clog, no matter how coarse the mash.

No. M36—14-qt. capacity, \$1.50; by parcel post, \$1.85.

No. M13—22-qt. capacity, \$1.75; by parcel post, \$2.15.

Grit and Shell Box

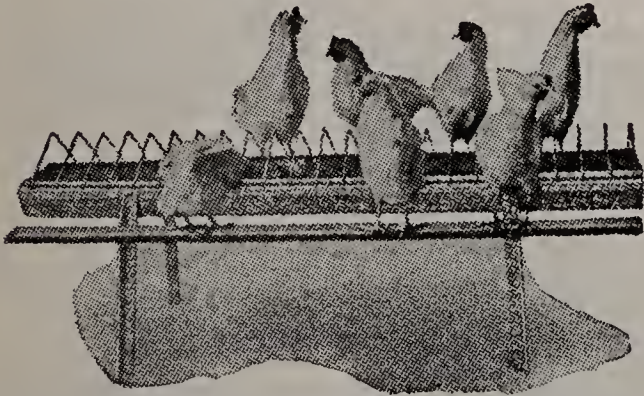


Feeds grit, oyster shell and charcoal without waste.

No. M45—Two compartments, chick size. Each 40c; by parcel post 50c.

No. M9—Three compartments, hen size. Each 70c; by parcel post 90c.

Open Mash Feeder



Built to feed either wet mash, green feed or dry mash. The galvanized pan is 10 inches wide and 4 inches deep. The trough is 60 inches long and 20 inches wide over perches. It stands 25 inches high on sturdy metal legs.

No. 525A—Jamesway Open Feeder, with legs, each \$3.25.

No. 600-C—44 inches long; 6½ inches wide, without legs \$1.50; postpaid, \$1.85.

Peerless Growing Chick Feeders

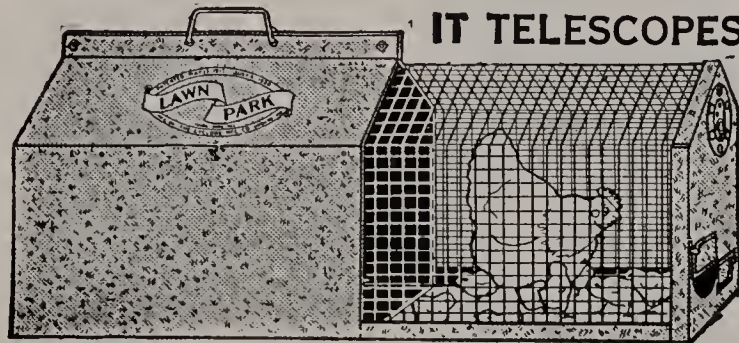


For chicks and growing fowls. Large capacity. The hopper is adjustable up and down for different kinds of mash and feed. Thirty chicks can feed at one time.

No. M193—Peerless Feeder, height 12 in., capacity 18 qts. Each \$1.50.

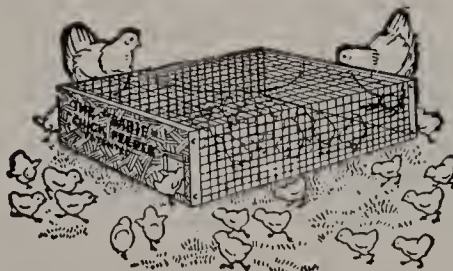
By express or freight only.

The Lawn Park Brood Coop



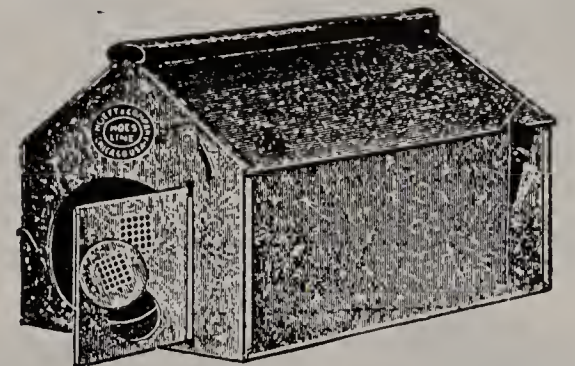
The wire park pulls out like bureau drawer and is made from heavy galvanized wire netting. Size of coop, 18 inches wide, 19½ inches high, 48 inches long. Protects the chicks from hawks, rats, weasels, vermin, cold and storms. It is so ventilated that when park is pushed in the air circulates freely without admitting rain or snow. The coop has removable galvanized bottom. Each \$2.90, set up, ready to use. Knocked down, in lots of six, \$2.60 each, f.o.b. Memphis.

No. 30 Baby Chick Feeder



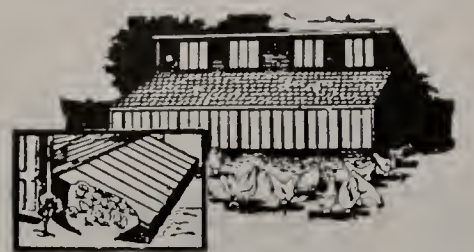
This simple wire feeder protects the little chicks and insures them plenty of feed, and will pay for itself many times over in economy of feed. It can be used in connection with the Lawn Park Brood Coops. Each \$1.00; by express only.

Square Brood Coop



Has a combination door which can be adjusted to keep the hen in and permit the chicks their liberty. Size, 16 inches wide, 23 inches long, 16 inches high and weight, 12 pounds. Price, knocked down, but can be quickly set up, No. M49 each, \$1.75.

Glass Cloth



Glass Cloth is excellent for Poultry Houses, Brooder House, Hotbeds, Cold Frames, Windows, Doors, etc., and is a perfect substitute for glass, except for roofing. All Glass Cloth comes 3 feet wide.

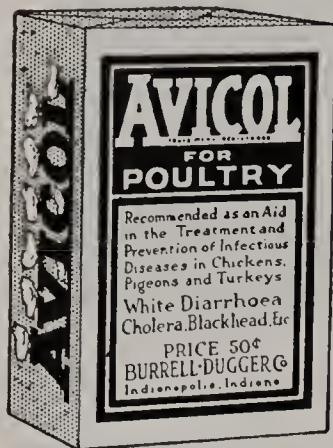
Prices:

One piece 5 yards long.....	\$ 1.50
By parcel post	1.70
One piece 10 yards long	2.70
By parcel post	2.90
One piece 15 yards long	3.75
By parcel post	4.10
One piece 50 yards long	11.00
F.O.B. Memphis.	
One roll 100 yards long	20.00
F.O.B. Memphis.	

R.-H. CO.'S POULTRY REMEDIES

AVICOL

For Chick Diarrhea



Avicol should be in the very first water the little chicks drink. And it will pay you to keep it in the drinking water for all the flock, old and young. Our guaranty protects you. Money refunded without question if Avicol doesn't satisfy you perfectly. 32-tablet size 50c; by parcel post 60c; 80-tablet size \$1.00; by parcel post \$1.10.

Avian Bacterin

Protects your flock against roup, colds, sorehead, chicken pox, etc., or save a large percentage of sick birds in flocks already affected with ASL Avian Mixed Bacterin.

This wonderful preparation is administered by means of a hypodermic syringe. Complete directions with every package. 60-dose bottle \$1.50; 250-dose \$4.50. Syringe and needle \$1.50; postpaid.

Barnes' Worm Emulsion



Worms are more frequently present in the intestines of chickens than many would believe. This is particularly true of young chickens. Young chicks that have this EMULSION in their drinking water constantly show a remarkable growth and fine form.

Worm Emulsion can not poison poultry or lower animals in any

dosage. Its function always is to build vitality.

Prices of Barnes' Worm Emulsion: 1 qt. 80c; by parcel post \$1.10; 1 gal. \$2.50; by express or freight only.

Just Paint it on the Roosts!



—Before the chickens perch. Only a small paint brush and a can of "Black Leaf 40" are needed. While chickens roost, fumes are slowly released and penetrate the feathers; killing lice. Eliminates individual handling of birds.

"Black Leaf 40" Kills Poultry Lice

Prices:

1 ounce bottle, each	\$.35
5 ounce bottle, each	1.00
1 pound bottle, each	2.10
2 pound tin, each	3.10
5 pound tin, each	5.85
10 pound tin, each	10.15

Not available.

Cholerine



An Iron Tonic for Poultry

Cholerine is a highly recommended preparation without an equal for building up the health and vitality of poultry; also for increasing egg production, reducing death loss and helping baby chicks along to maturity.

Highly effective in the treatment of Diarrhea and Cholera. A fine tonic for laying hens, as well as turkeys.

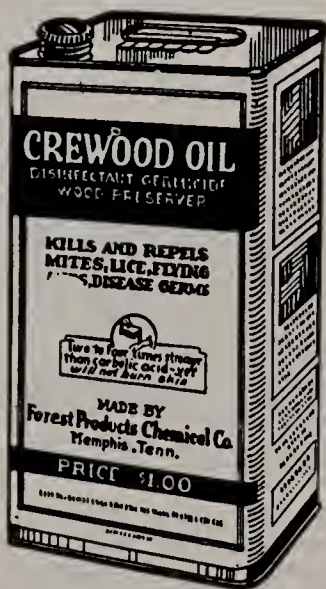
Postpaid:

8-oz. bottle	.....	\$ .45
16-oz. bottle	.....	.70
Not Prepaid:		
8-oz. bottle	.....	.35
16-oz. bottle	.....	.60
1 qt.	.....	.75
1 gal	.....	1.50

Conkey's Poultry Remedies

	Post-	Each paid
Conkey's Roup Pills, small box	\$.25	\$.30
Conkey's Roup Pills, medium "	.50	.60
Conkey's Roup Pills, large box	1.00	1.10
Conkey's Old Reliable Roup Powder—		
Small box	.25	.30
Medium box	.50	.60
Large box	1.00	1.10
Conkey's Diatex Diarrhoea Remedy—		
Small box	.25	.30
Medium box	.50	.60
Large box	1.00	1.10
Conkey's Noxicide, quart can	.75	
Conkey's Y-O Yeast and Cod Liver Oil—		
1 lb. pkg.	.50	.60
2 lb. pkg.	.90	1.00
5 lb. pkg.	1.60	1.80

Crewood Oil



Paint or spray the poultry house with Crewood Oil. Insects, mites or lice cannot survive where it is.

Use Crewood Oil once a month on the perches and wooden parts in the poultry houses. It is a special distilled wood creosote that soaks into the wood and kills the germs and mites instantly.

Apply with a sprayer or brush.

1-gal. can	\$.90
2½-gal. drum	1.50
5-gal. drum	2.50
10-gal. drum	4.50

Dicapho Phosphate

Dicapho reduces the mortality among young chicks. It enables young chicks to get every ounce of food value from their feed, and develop rapidly into strong and profitable fowls. It will also give you more eggs, richer and harder-shelled eggs, eggs that will hatch better chicks. Price: 1 lb. 25c; 5 lbs. \$1.00; 25 lbs. \$3.75. Postpaid, 1 lb. 35c; 5 lbs. \$1.20.



Don Sung

Makes Hens Lay

We guarantee you more eggs or no pay.

Don Sung does not force or hurt the hen in any way. It is a balanced mineral conditioner. It improves the hen's health, tones up her egg laying organs and makes her stronger and more productive.

Trial size, 45 tablets, 50c; large size, 135 tablets, \$1.00; parcel post paid.

Fleischmann's Yeast

Especially prepared for poultry. Fleischmann's Pure Dry Yeast added to the feed for poultry gives baby chicks a good start, prevents in a large measure diarrhoea and dysentery. It makes young birds grow quickly, also keeps egg production high without forcing the birds.

Full directions given with every package. Fine for all livestock. 1-lb. can 90c; by parcel post \$1.00. 2½-lb. can \$1.75; by parcel post \$1.90.

Germozone

Germozone twice a week in the drink destroys disease germs taken in with the food or water—Keeps the crop pure and sweet—Corrects and prevents diarrhoeas and bowel troubles.

It's the best remedy also for Roup. Colds, Canker, Swelled Head and such disorders. The favorite for more than thirty years.

LEE'S GERMOZONE LIQUID

	Post-	Each paid
Lee's Germozone Liquid—		
4-oz. bottle	\$.40 \$.50
12-oz. bottle65 .80
32-oz. bottle	1.50 1.75
Lee's Germozone Tablets—		
Small box25 .30

Group-Over

The Over-Night Roup Remedy

This famous remedy is guaranteed to give complete, prompt and positive results. There is nothing on the market like Group-Over for roup; colds and canker. 50c; \$1.00 size (three times as much), by parcel post, 60c and \$1.10.

Dr. Hess Poultry Ver-Mi-Trol

For Worms in Poultry



When your fowls appear lame or have a wobbly gait; when the combs and wattles are pale, that's a good indication that they are infested with worms.

Worms are prevalent in both chicks and adult fowls, and VER-MI-TROL given with PAN-A-MIN as a flock treatment is highly effective as a worm expeller. 1½ lb. pkg. 50c; by parcel post 60c; 4 lb. pkg. \$1.25; by parcel post \$1.40; 10 lb. pkg. \$2.75; parcel post \$3.

DR. HESS REMEDIES

	Post-	Each paid
Dr. Hess Chick Tablets, Diarrhoea—		
Small pkg.	\$.50 \$.60
Dr. Hess Chick Tablets Diarrhoea—		
Large pkg.	1.00 1.10
Dr. Hess Instant Louse Killer—		
1 lb. pkg.25 .35
Dr. Hess Roup Tablets, pkg.50 .60
Dr. Hess Poultry Pan-A-Min—		
1½ lb. pkg.25 .35
Dr. Hess Poultry Pan-A-Min—		
3 lb. pkg.50 .65
Dr. Hess Poultry Pan-A-Min—		
7 lb. pkg.	1.00 1.20
Dr. Hess Poultry Pan-A-Min—		
15 lb. pkg.	2.00 2.25
Dr. Hess Poultry Pan-A-Min—		
25 lb. pkg.	3.00 3.40
Dr. Hess Medicated Healing Powder—		
4 oz. pkg.25 .35

Korum

A most satisfactory preparation for bowel trouble in chicks, hens and turkeys. Put in the drinking water as directed, it will give splendid results, being a wonderful intestinal astrigent.

8 oz. bottle 65c; by mail 80c.
16 oz. bottle \$1.00; by mail \$1.20.

K. O. M. Worm Cure

A sure cure for intestinal worms in poultry. Every bottle guaranteed to cure or your money will be refunded. Per bottle, enough to treat 1,000 hens, \$1.00; parcel post \$1.15.

Licecil

Kills poultry lice by simply hanging up the bottle in the poultry house. Full directions sent with all orders. 1 bottle 25c; mailed 40c.

Licene

For Killing Body Lice on Chickens
If Licene does not prove an effective remedy against chicken lice—you are the judge—we will refund your money, if notified within 30 days after purchase of same. Per tube, enough for 100 hens, 50c; by parcel post 60c.

LeGear's Poultry Remedies

		Post-paid
Chick Diarrhea Tablets	\$.50	\$.60
Head Lice Ointment	.25	.30
Kamala Poultry Tapeworm Pills		
Box	1.00	1.10
Nicotine Poultry Round Worm Pills, Box	.50	.60
Poultry Prescription—		
1½ lb. pkg.	.25	.35
3½ lb. pkg.	.40	.55
8 lb. pkg.	.80	1.00



Lee's Gizzard Capsules

The GIZZARD CAPSULE™

REG. U.S. PAT. OFF.

A Wonderful New Invention for WORMS in POULTRY

Eliminates both pinworms and tapeworms

Poultry-size:
50 capsules \$1.00; 100 capsules \$1.75
250 capsules \$4.00; 500 capsules 7.00
1,000 capsules 12.00

Chick-size:
50 capsules 50c; 100 capsules 90c
250 capsules \$2.00

Pullet-size:
50 capsules 75c; 100 capsules \$1.35
250 capsules \$3.00

All postpaid.

Nomoppin

Cures and prevents chicken sorehead. Given simply in the drinking water, avoiding individual treatment. Aids egg production. Guaranteed to give results. Small-size bottle 35c; large-size bottle 65c; not mailable.

Oculum for Poultry

Prevents and cures white diarrhea in baby chicks; a scientific remedy and prevention of poultry diseases.

	Each	Postpaid
Small size	25c	35c
Large size	50c	60c

Pratts

POULTRY REMEDIES

Pratt's Roost Paint



New improved, nicotine sulphate formula Roost Paint. Cost only half as much as nicotine sulphate 40%. Lasts longer. Kills lice on hens by just painting the roosts.

½ pt. can 75c
1 pt. can \$1.25

Not mailable.

Pratt's N-K Capsules

A specially air-tight coated Capsules of nicotine and kamala for individual treatment for tape and round worms. N-K's are certain in action, safe, economical, and easy to use. Made in two sizes, for adults and chicks.

For Adult Fowls—Pkgs. as follows:

50 capsules \$1.00
100 capsules 1.75
500 capsules 7.00
1,000 capsules 12.00

For Chicks—Pkgs. as follows:

50 capsules 65c
100 capsules \$1.00
500 capsules 4.50
1,000 capsules 8.00

All postpaid.



Pratt's Disinfectant

For Stock and Poultry
A quick, effective germicide, insecticide, and deodorant. As a spray around stables, cow and hog lots, and for use on dogs.

Pt. can 40c; mailed 55c
Qt. can 60c; mailed 80c
Gal. can \$1.60

Not mailable.

Pratt's Chick Tablets

Avoid chick losses from most common bowel trouble. Use Pratt's Chick Tablets in the drinking water for the first 10 days.

Small pkg. 25c
mailed 35c
Large pkg. 50c
mailed 65c



Pratt's R-P Tablets



(Formerly called Roup Tablets)

Use as a treatment or preventative. An easy, powerful product to use in treating colds, canker, catarrh, etc.

Small pkg. 25c
mailed 35c
Large pkg. 50c
mailed 65c

We carry a full stock of all Pratt's Remedies—Write us.

Pratt's Poultry Regulator



Builds up vitality, promotes sound digestion, sharpens appetite, and puts birds into condition for heavy egg laying or winning blue ribbons.

Increases the fertility of eggs. It will help prevent many of the common poultry ailments.

1½ lb. pkg. 25c
Mailed 40c

4 lb. pkg. 50c
Mailed 70c
12 lb. pkg. \$1.40
Mailed 1.65
25 lb. pail 3.00
Mailed 3.50

Pratt's S-H

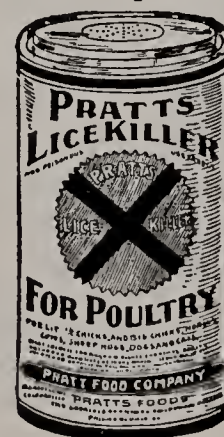
Stop big poultry losses from diarrhea, coccidiosis and other infectious diseases. Pratt's S-H used constantly in the drinking water will help prevent the spread of these diseases.

10 oz. bottle 50c
mailed 60c
Qt. bottle 90c



Pratt's Lice Powder

For positive and quick results use Pratt's Lice Powder. It is especially prepared for poultry. Box 25c; by mail 35c.



Pratt's Sorehead Chicken Pox Preparation

A sure cure for sorehead in poultry. This disease must be handled promptly to save your flock. Pkg. 60c; by mail, 70c.

Pratt's Special Compound

This was formerly called Cholera Preparation. Used for bowel trouble and cholera in poultry. It can always be depended on to give results. Pkg. 50c; by parcel post 55c.

Pratt's Healing Ointment

A satisfactory preparation for head lice on baby chicks. Also has other uses as a healing ointment or salve. Per tube 30c; by mail 35c.

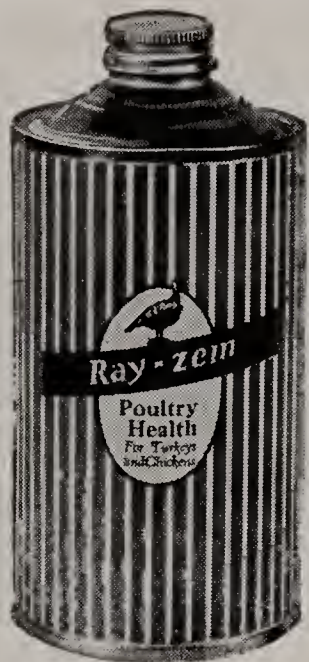
Pratt's Gape Compound

This is for external use only. Full directions are given on packages. Price, 50c; by mail 60c.

Parke-Davis C. A. Capsules

For large round worms and tape worms in chickens and turkeys.

Price: C. A. Capsules No. 195, for young chicks or poults, pkg. 12 capsules 40c; pkg. 50 capsules 90c. No. 196, for adult birds and large turkeys, pkg. 12 capsules 50c; pkg. 50 capsules \$1.25. All parcel post paid.



Ray-zem

For the prevention of blackhead and roup in turkeys. Keep your turkeys healthy with Ray-zem. Should be given in drinking water, milk or mash every day. Good also for the older turkeys, as well as roup, cholera, coccidiosis and diarrhea in chickens. Ray-zem has saved thousands of turkeys.

6 oz. can.....	\$1.00
Postpaid	1.10
16 oz. can	2.00
Postpaid	2.15
32 oz. can	3.50
Postpaid	3.70

Solene

A Sodium Hypochlorite solution for all kinds of germs; a disinfect and deodorizer that aids in prevention of most poultry diseases and pests that are spread throughout the premises and contaminate drinking water. Solene is non-poisonous and is used on dairy utensils with perfect safety. 8 oz. bottle 35c; 1 pt. bottle 60c; by mail 10c each extra.



Thousand Dollar Remedies



We absolutely guarantee these preparations. If you don't get proper results after following directions, you can be the judge; your money will be refunded.

\$1,000.00 Guaranteed Roach Killer—35c, 65c, \$1.25 cans; by parcel post, 10c each size extra.

\$1,000.00 Guaranteed Ant Bane—35c, 65c cans; by parcel post, 10c each size extra.

\$1,000.00 Guaranteed Flea Killer—50c; size; by parcel post, 10c extra.

\$1,000.00 Guaranteed Bed Bug Killer—35c, 65c size; by parcel post, 10c each size extra.

Tobacco Powder



Controls round worm in poultry. Easy to use and very inexpensive. Mix 2 pounds of this extra fine quality Tobacco Powder in 100 pounds of mash and feed 2 or 3 weeks. Alternate this treatment as necessary. Fine also for mixing in dust bath and let the poultry keep themselves free of insects.

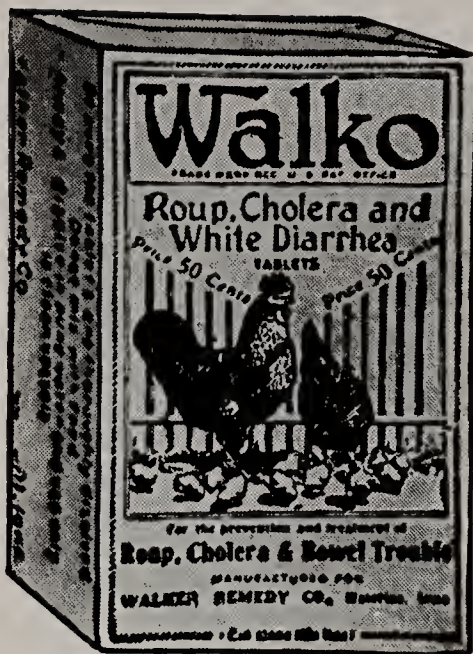
2-lb. pkg. \$.25

Postpaid 40c. Bulk, 10-lb. 75c; postpaid \$1.10.

Dr. Hess Improved Stock Tonic

A conditioner and mineral supplement for all kinds of stock. It pays to use it regularly. The saving of one hog by its use will more than pay for the cost. 3 lb. pkg. 50c; mailed 65c; 10 lb. pkg. \$1.00; mailed \$1.20; 15-lb. pkg. \$1.50; mailed \$1.80; 25 lbs. \$2.00.

Walko Diarrhea Tablets



Walko is a reliable germicide, intestinal antiseptic and general correctant. It is especially destructive to the white diarrhea germ, yet perfectly safe to give little chicks in their drinking water as soon as they are out of the shell. It acts as a general tonic.

Sold in 50c and \$1.00 size boxes; by parcel post 55c and \$1.10.

Worm R Powder

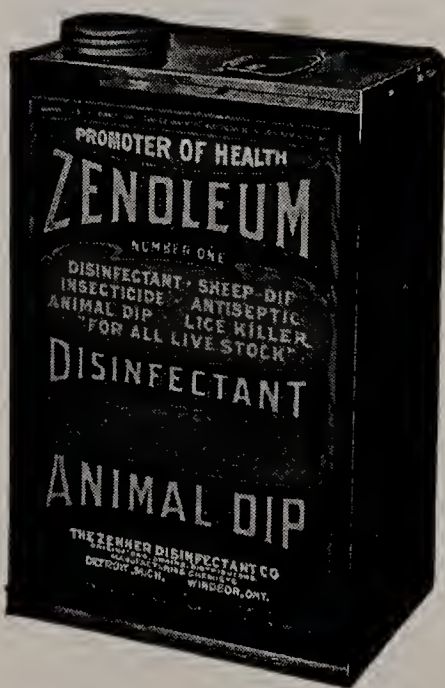
A flock worm eradicant that will not throw the fowls off egg production. It does not set back the younger fowls. Simply mix Worm R with the feed for expelling worms of all kinds from your flock. Small pkg. 65c; by mail 75c; 7 ounce package, enough for 3 doses for 150 hens, \$1.00; by mail \$1.10.

Worm R Tablets

These are for individual treatment for poultry worms. They contain Kamala, Nicotine Sulphate, Thimol Copper Sulphate laxatives and stimulants. One tablet to each grown chicken, 1/2 tablet to growing fowls, double dose for turkeys.

100 tablets \$1.00; by mail \$1.10; 1,000 tablets \$9.00; by mail \$9.25.

Zenoleum



A scientifically compounded preparation. Used for livestock and poultry to prevent lice and mites, as well as general use about the farm, barn and the house. Zenoleum dip and disinfectant.

8-oz can \$	.40
1-qt. can	.75
2-qt. can	1.25
1-gal.	2.00
5-gal.	8.00

All prices on Zenoleum are f. o. b. Memphis. We cannot mail Zenoleum.

Pratt's Animal Regulator

A conditioner for horses, cows, sheep, hogs, etc.; tones up vital organs and systems, increases flow of digestive juices, a mild laxative.

21 oz. pkg. 25c; by mail 35c; 48 oz. pkg. 50c; by mail 60c; 25-lb. pail \$3.00; by mail \$3.45.



A perfect scratching material for baby chicks. It absorbs all the moisture from droppings.

Prices: Not prepaid, trial bale, containing 2 bushels (compressed), \$1.25; postpaid, \$1.65. Not prepaid, large 20-bushel bale (compressed) \$3.75.

Health Paint



A white paint and a powerful disinfectant powder in a combined form. An effective aid in getting rid of lice and mites and other parasites. A pound makes enough to cover 100 square feet. Recommended for poultry houses, pigeon lofts,

dog kennels, basements, etc. 5-lb. carton 50c; 10-lb. carton 85c. By parcel post, 5-lb. carton 70c; 10-lb. carton \$1.15.

Semi-Solid Buttermilk

Increases egg production. Keeps hens in the best of condition. Start your baby chicks on Semi-Solid Buttermilk as it will prevent coccidiosis and diarrhea. One gallon of Semi-Solid Buttermilk will make nine gallons of liquid. 1-gal. can 75c; 5-gal. drum \$2.50. By parcel post, 1-gal. can \$1.00.



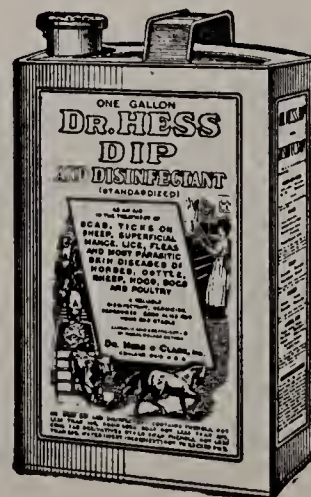
Concentrated Sodium Hypochlorite



B-K is a clear, colorless, non-poisonous germ killer used in dilution with water. B-K is absolutely harmless when used around poultry. Every dairyman should keep a bottle of B-K. Fine for sterilizing all dairy equipment, utensils, etc. 10-oz. bottle 50c; mailed 60c; qt. bottle 90c; 1 gallon \$2.00.

DR. HESS DIP AND DISINFECTANT

An aid in the treatment of ticks on sheep, sarcoptic mange, lice and fleas on horses, cattle, hogs, dogs and poultry. A reliable disinfectant, germicide and deodorizer. Good alike for home and stable. Keep Dr. Hess Disinfectant on hand; you need it on the farm and in the home. 12 oz. bottle 40c; quart cans 60c.



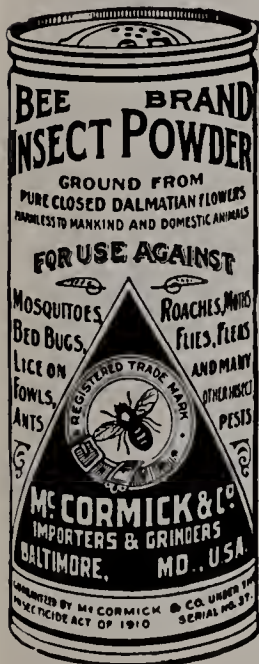


Bag Balm

Relieves and cures udder trouble, caked bags, cow pox, chapping, inflammation of all kinds in cows. Per box 60c; by parcel post 70c.

Dr. Blackmans Medicated Salt Brick

Brick shape, made of purest salt and medicine necessary for treatment of diseases for which it is intended. Per brick 25c; 5 bricks \$1.00; case 12 bricks \$2.25. By parcel post, per brick 45c.



Bee Brand Insect Powder

Non-poisonous to humans, animals or pets, but kills moths, lice, bed bugs, potato bugs, flies, mosquitoes, ants, roaches, fleas and poultry lice both on the fowl and in the nest. Bee Brand Insect Powder is a household necessity. It will eradicate all insects.

25c, 50c, \$1.00 cans. By mail 30c, 60c \$1.10.

Kow-Kare

Watch every cow and at the first sign of disorder in appetite, digestion or flow of milk, give a dose of KOW-KARE. It cures abortion, barrenness and scours, caked udder, removes retained after-birth.

A medicine for cows only. Small size, 65c; by mail, 75c; large size, \$1.25; by mail, \$1.40.



Sulphur Fumigating Candles



A safe and effective fumigator. Moisture is given off with the gas, producing sulphuric acid gas, which is essential to thorough fumigation. Each 15c; parcel post 20c.



A Great Worm Destroyer, Digester and Conditioner

This is different from the Salvet formerly sent out. Buy your salt at home, save money, by using Salvet Medication, a highly concentrated hog and stock medicine that needs mixing only with salt. 3-lb. pkg. \$1.00; by mail \$1.15; 7½-lb. pkg. \$2.00; by mail \$2.25.

NOPCO Cod Liver Oil

stronger chicks, builds growth, reduces mortality, gives a better moult, conditions and protects against disease. Chemically tested for purity, biologically tested for vitamins A and D.

1-qt. can.....\$.58 1-gal. can.....\$2.15
2-qt. can.....1.10 5-gal. can.....9.00
F.O.B. Memphis.

Nopco Cod Liver Oil increases egg production, eliminates soft-shell eggs, helps to eliminate blood spots, improves hatchability, produces



DR. HESS UDDER OINTMENT

ESPECIALLY prepared for the treatment of injuries and congestion of the udder and teats. Penetrating, soothing, healing.

Large handy can 50c,

By mail 60c

Udder Health

A Penetrating, Soothing Ointment

An effective aid in softening and relieving garget, caked udder, hard or sore teats and inflammation due to external causes. Helps prevent hard milkers when teats and quarters are massaged with U-H. 60c; parcel post. 70c.

Hydrated Lime

Everyone knows its value; the best deodorizer. Be careful and don't let the lime get into the eyes or on your hands. Price: 10-lb. pkg., postpaid, 50c; not prepaid, 25c; 40-lb. bag. 60c.

Fly Sprays

These are useful both for stock and household use for killing flies, mosquitoes, gnats, etc. Note our reduced prices on the following well known brands.

FLY TOX—For household use; its absolutely guaranteed. ½ pint bottle 25c; mailed 40c.

BOYER'S FLY SPRAY—For use on cows and horses. Will give perfect results. Qt. cans 40c; ½ gallon cans 60c; gallon cans \$1.00; not mailable.

KNOCK OUT FLY SPRAY—A clear liquid especially desirable in the dairy barn. Qt. can 50c; gallon can \$1.50. Not mailable.



GULF VENOM—A Gulf Oil Refining Co. product for household use. One of the most effective preparations of its kind on the market. Will not stain. Quart can 75c; gallon can \$2.50. Not mailable.

RAT AND MOUSE DESTROYERS



COWLEY'S RAT AND MOUSE EXTERMINATOR

This preparation is a scientific chemical compound, and is made in a way that attracts the rats and mice to drink it. This is the secret: They will drink it, and

as it only requires a very small amount to kill, there is no telling how many can be killed in one night. Don't hesitate to try it, as it is sold on a positive money back guarantee.

Price 50c; 6 bottles \$2.50; f.o.b. Memphis.

RATSOL

A new non-poisonous exterminator of rats and mice. Harmless to man and domestic animals, poultry, dogs or cats. Purchase price refunded if it fails. Price: 2-oz. package 50c; by mail 60c.

RED CROSS RAT AND MOUSE EMBALMER

A sure rat and mouse destroyer that does the work thoroughly without any odor. 25c, 50c and \$1.00 per can. Poison; cannot be mailed.



MOUSE SEED

No mixing needed. The perfumed seed attracts and kills the mice that eat it. Box 25c; not mailable.

CYANO GAS

Kills rats and moles. Can 75c; not mailable.

ZELIO RAT POISON

A powerful rat and mice destroyer. It acts slowly and the animal leaves the premises instead of dying in the hole. 2-oz. tube 50c. Poison; not mailable.

For Poultry

For quantity prices see Green Ink Pages.

CHARCOAL—Fine for chicks, medium for pigeons, coarse for hens. 4 lbs. 25c; by mail 4 lbs. 40c.

GRIT—Stonemo brand. Fine for chicks, coarse for hens. 10 lbs 25c; by mail within 2nd zone 45c.

OYSTER SHELL—Fine for chicks and pigeons, coarse for hens. 10 lbs. 25c; by mail within 2nd zone 45c.

BONE MEAL—Especially made for feeding poultry. Fine and medium ground. 5 lbs. 25c; by mail 40c.

MEAT SCRAPS—A necessity when feeding poultry. 6 lbs. 25c; mailed 40c.

DIGESTER TANKAGE—Excellent for hog feeding. 6 lbs 25c; mailed 40c.

RED CROSS GRIT—Keeps pigeons in good health. 6 lbs. 25c; mailed 40c.

ROLLED OAT MEAL—For chicks and rabbits. 6 lbs. 25c; mailed 40c.

DRIED BUTTERMILK—Keeps poultry in good condition. 5 lbs. 30c; mailed 45c.

DRY SKIM MILK—Controls coccidiosis in chicks. 5 lbs. 35c; mailed 50c.

R. H. CO.'S CHICK AND POULTRY FEEDS

Ful-O-Pep Poultry Feeds



All Ful-O-Pep Poultry Feeds are now made with Cod Liver Meal, and in addition have Dried Buttermilk.

To secure accurate results chicks must be fed with the right material for body growth, bone development and condition of plumage. Nothing is left undone to make Ful-O-Pep Feeds give these results.

Ful-O-Pep Chick Starter

Ful-O-Pep Chick Starter is just the feed chicks need during the first six weeks after hatching. It contains oatmeal, other grain products, cod liver meal, molasses and minerals. It reduces the mortality rate of the flock. Strong bones, firm flesh, and healthy, hardy birds result from its use. 8 1-3 lb. pkg. 35c; by parcel post within second zone, 55c.

Ful-O-Pep Growing Mash

Should be fed from the sixth week until the sixth month. Oatmeal in the mash insures an unusual quantity of fine-fleshed, delicate-flavored breast meat. 8 1-3 lb. pkg. 30c; by parcel post within second zone, 50c.

Ful-O-Pep Fine Chick Feed

High quality milling grains have been carefully cracked to the right size for baby chicks. For the best results it should be fed with Ful-O-Pep Chick Starter until the chicks are six weeks old. 8 1-3 lbs. 25c; by parcel post within second zone, 45c.

Ful-O-Pep Egg Mash

This mash keeps hens healthy, active, and eager to lay. It contains oatmeal, other grain products, molasses (in dry form), necessary minerals, proteins and carbohydrates—just the things hens need to make quantities of eggs. 8 1-3 lb. pkg. 25c; by parcel post within second zone, 45c.

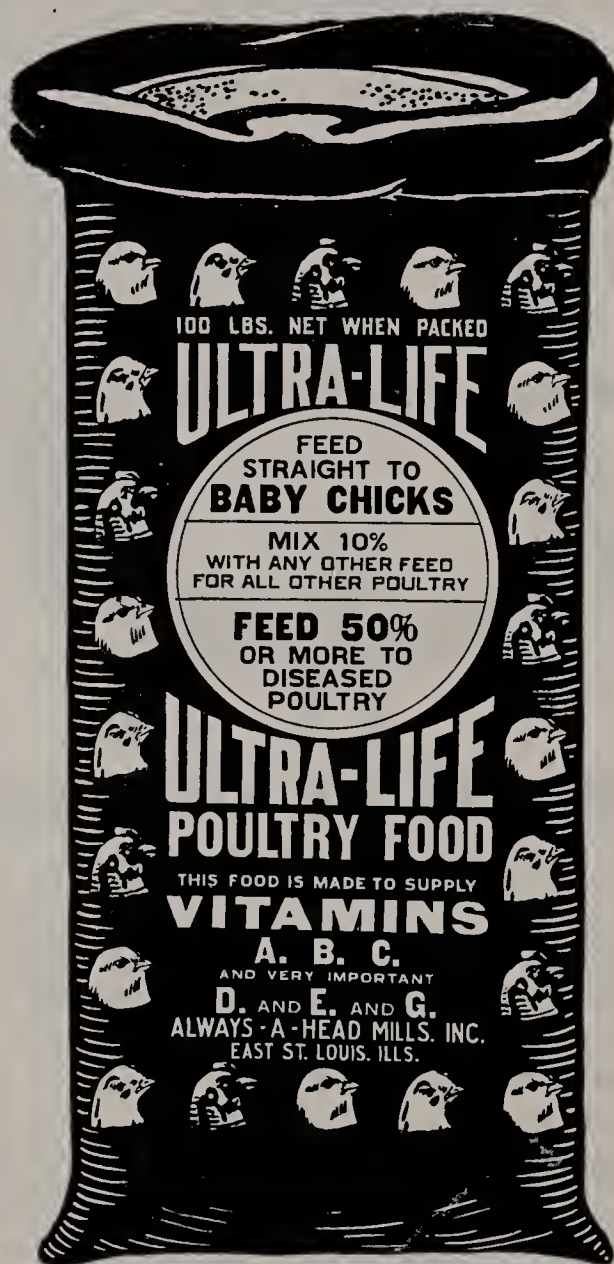
Ful-O-Pep Coarse Chick Feed

Ful-O-Pep Coarse Chick Feed is suitable for feeding after the chicks are six weeks old. Fed with Ful-O-Pep Growing Mash it completes the feed requirements for a growing bird. 10 lbs 25c; by parcel post within second zone, 45c.

Ful-O-Pep Scratch Grains

Ful-O-Pep Scratch Grains contain an assortment of small and cracked grains. Best egg production results are attained when it is fed with Ful-O-Pep Egg Mash. 8 1-3 lbs. 20c; by parcel post within second zone 40c.

Ultra-Life



A specially prepared nutritious diet for baby chicks, growing chicks, hens and turkeys, etc. Ultra-Life reduces mortality, promotes health and vigor, prevents worms, coccidiosis or going light, regulates the digestion and enables the birds to ward off the common poultry and chick ailments.

Ultra-Life is both a food and a food supplement; it is not a medicine. It stimulates and builds up the birds from baby chicks to mature growth. In Ultra-Life has been found a nutritious diet, rich in vitamins that is helpful in building up the fowl to keep down round worms, the most troublesome parasite which kills thousands of chicks and chickens every year, so don't consider the little extra cost in starting off your chicks, since it requires only 8 pounds of Ultra-Life to feed 100 chicks one week. It is economy to use Ultra-Life. Let us send you complete booklet on feeding this wonderful preparation.

5 lb. bag52c; by mail.....65c
10 lb. bag88c; by mail\$1.05
See Green Ink List for larger quantities.

Chamberlain's Perfect Chick Starting Grain



10 lbs. 40c; by parcel post, 60c.

Strictly a grain chick feed for starting and developing baby chicks. Contains meat, bone, charcoal, grit, oatmeal, cracked milo and small grains. Does not contain any corn whatever, therefore avoids indigestion and bowel trouble. 8 1/3

Conkey's Buttermilk Baby Chick Starter



Conkey's Buttermilk Starter

This superior chick starting mash was the first commercial poultry feed containing buttermilk; that is why it is called the "Original Buttermilk Starter." 5 lb. bag 25c; by mail 40c; 10 lb. bag 45c; by mail 70c.

Larger quantities on Green Ink List.

Conkey's Buttermilk Growing Mash

This is to be fed after chicks are eight weeks old; makes them grow fast, develops the bones, vital organs and feathers. 10 lb. bag 40c; by mail 65c.

Larger quantities on Green Ink List.

Conkey's Fine Chick Feed

Extra fine quality; made of the very best grains, carefully balanced. Begin feeding it when chicks are 14 days old. 10 lb. bag 30c; by mail 55c.

Larger quantities on Green Ink List.

Happy Pigeon Feed

Happy No. 1 contains Whole Corn. Happy No. 2 Pigeon Feed contains no corn or vetch.

10 lbs.40c; by mail65c

Larger quantities on Green Ink List.

Sunset Rabbit Mash

One of the best and most satisfactory mash feeds for rabbits. 10 lbs. 40c; by mail 65c.

Larger quantities on Green Ink List.

Staf-O-Life Rabbit Pellets

Absolutely no waste. A simple and easy method of feeding them. Requires only two ounces a day for each rabbit. 10 lbs. 40c; by mail 65c.

Larger quantities on Green Ink List.

Schumacher Calf Meal

A perfect milk substitute, prevents scours and keeps calves in condition. 25 lb. bag, smallest size, \$1.10; by mail within second zone, \$1.50.

Canada Field Peas

Fine for mixing with pigeon feeds. 4 lbs. 35c; by mail 50c.

Larger quantities on Green Ink List.

Full-O-Pep Fattening Feed

This feed has been built to fill the needs of poultry raisers or poultry dealers who are fattening fowls for the market.

See Green Ink List for new low prices.

MEMPHIS, TENN.

Please send me promptly at prices and terms mentioned in your catalogue the list of goods mentioned below, for which enclosed find

Send your remittance either by U.S. Money Order, Express Money Order, Stamps (5 and 10c denominations preferred) or you can send currency registered mail. WE PAY POSTAGE on all seeds quoted by the packet, ounce, quarter pound, and pound, also on pints and quarts of Peas, Beans and Sweet Corn, and on plants and bulbs except where noted otherwise, and upon all goods quoted in our catalogue where it says: Parcel Post Paid. We do not pay postage on any seeds or supplies quoted on the Bulk or Green Ink Price list in this book.

EXPRESS OR FREIGHT OFFICE_____

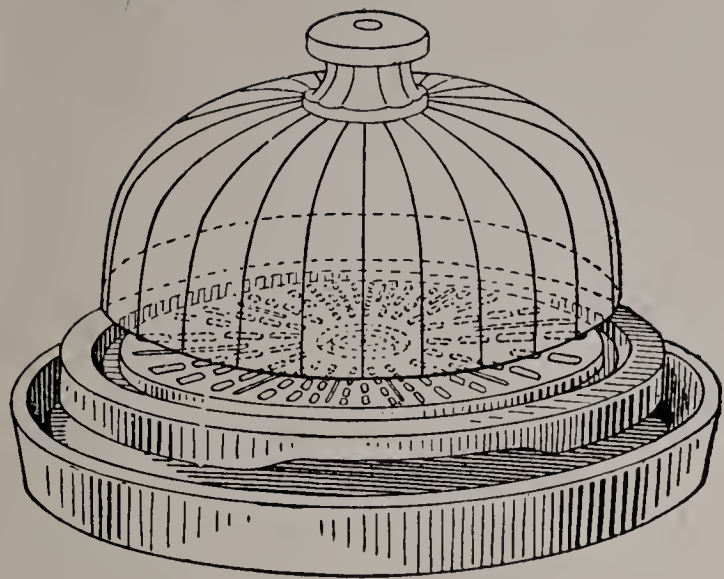
TWO YEAR ROSE BUSHES---SEE SPECIAL COLLECTIONS ON 2ND COLORED PAGE

FREE FLOWER SEEDS

We will send you free with any order for Garden and Flower Seeds from this catalogue amounting to \$1.00 or more, five 5c packets of flower seeds. You may make your own selection if you wish, or we will do it for you.

[illegible]

SERICEA.—This new perennial Lespedeza is described on page 37 of our catalogue. Do not fail to sow some of this wonderful hay crop. Once planted it remains always.



TEST THE SEED YOU GROW OR PLANT

Play safe, test any seed you sow before planting. Avoid disappointment in not getting a stand by testing the seed before sowing. Use our *MASTER SEED TESTER*

which consists of an attractive flat dish, in which is placed a porous disc and over the disc fits a clear glass bell.

You just put one hundred seed, (each one in a little recess in the porous disc) add water, put on the glass bell, place the outfit in a warm room and nature does the rest.

Price \$3.50 complete, postpaid, cash with order, please. Safe arrival guaranteed.

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POSTAGE

We pay postage wherever the word "Postpaid" appears. Otherwise prices are f.o.b. Memphis, buyer to pay freight, express or postage charges.

CASH WITH ORDER

Please send money to cover the whole order, using Money Order, Bank Draft, Express Order or Registered Letter.

PRICES

The prices we quote on vegetables and flower seeds will hold good as long as stocks last. The prices on all farm seeds, grain, etc., are those ruling January 2nd, 1933, and are subject to market changes. As far as possible we will fill all orders for such seeds in full, but if market values will not permit this we will send all that money remitted will pay for.

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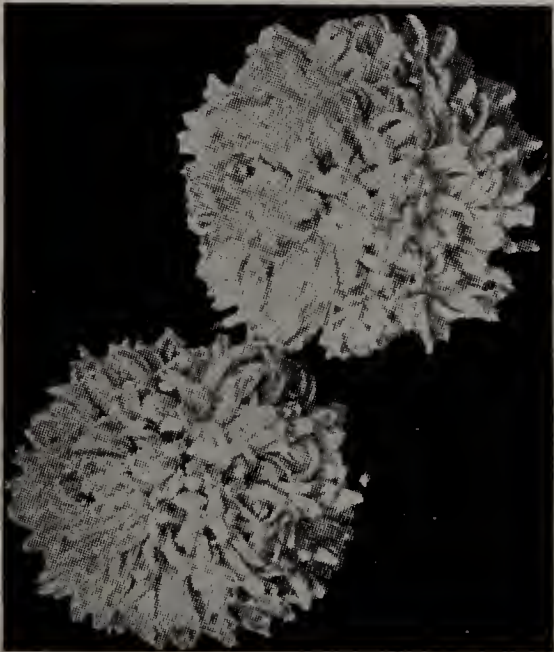
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Free Flower Seed

With any cash order for Garden and Flower Seeds to the value of \$1.00 or more we will send you FREE five 5c packets of Flower Seed. You may make your own selection if you wish, or we will do it for you.

Free Garden Tools

With any cash order for Garden and Flower Seeds to the value of \$2.00 or more we will send you FREE either a Hand Garden Trowel or a Garden Weeder. Well made, serviceable garden necessities. Advise which of the tools mentioned above you wish.



Free
1933 ALMANAC CALENDAR
with all orders when requested.

FLOWER AND GARDEN SEEDS

RUSSELL-HECKLE SEED COMPANY

MEMPHIS, TENN.

EXQUISITE



CRIMSON
MONARCH



DOUBLE
(GOLDEN GLEAM)
NASTURTIUMS



GOLDEN-
STATE



DAHLIA FLOWERED ZINNIAS

DOUBLE (Golden Gleam) NASTURTIUMS

4 Packages (1 of each) 50¢

POST PAID